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Minnesota Extension Service
University of Minnesota

Data From:

Becker
Cloquet
Grand Rapids
Lamberton
Morris
Rosemount
St. Paul
Staples
Waseca

C.A.W.A.P.*

**1986 Crop Season
Climatic Data
University of Minnesota
Field Research Locations**

*University of Minnesota Cooperative
Agricultural Weather Advisory Program

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UNIVERSITY OF MINNESOTA FIELD RESEARCH LOCATIONS
1986 GROWING SEASON CLIMATIC DATA

The following data characterize the environmental conditions during the 1986 growing season at 10 research sites operated by the University of Minnesota Institute of Agriculture, Forestry, and Home Economics. These data were collected using standard sets of manual and electronic instrumentation placed in the field in such a way as to represent the general environment at each research location. Efforts were made to standardize instrument types, placement, orientation, and frequency of readings such that valid comparisons between locations could be made.

The following list of codes describes the types of environmental measurements made at each location and listed on subsequent pages:

CODE	DESCRIPTION
MAX AIR TEMP	maximum air temperature in degrees Celsius from a sheltered thermistor placed 1.5 meters above the ground.
MIN AIR TEMP	minimum air temperature in degrees Celsius from a sheltered thermistor placed 1.5 meters above the ground.
PRE	total precipitation in millimeters from a standard National Weather Service stick gauge.
PAN	total evaporation in millimeters from a standard National Weather Service evaporation pan.
SOL	solar energy flux density, or incident shortwave radiation received on a horizontal surface, expressed as kilowatt-hours/square meter (kWhr/m ²).
RH MAX	maximum relative humidity (%).
RH MIN	minimum relative humidity (%).
ACCUM D.D.	accumulated degree days above a specified base temperature value (4.44, 7.22, 10, or 10/30 degrees C).
SOIL MAX TEMP	soil maximum temperature in degrees Celsius at noted depth (5, 10, or 20 cm) under bare surface conditions.

SOIL MIN TEMP	soil minimum temperature in degrees Celsius at noted depth (5, 10, or 20 cm) under bare surface conditions.
WIND SPD	mean wind speed at a height of 3 meters, expressed as meters per second (m/sec).
VECT MAG	vector wind speed (from the dominant direction at a height of 3 meters). This can be considered as a trajectory speed for airborne materials or organisms. Expressed as m/sec.
VEC DIR	dominant wind direction or trajectory in degrees (0 to 360). Measured at a height of 3 meters.
VEC STD	standard deviation in wind direction, expressed in degrees.
LF WET	an index for the occurrence and duration of leaf wetness caused by formation of dew, fog, or precipitation. This index will range from 0 to 100. A value of 0 indicates dryness throughout the day, while a value of 100 indicates a wet surface all day. Thus, a value of 50 would indicate that wetness persisted for half of the day, or 12 hours. This sensor was placed at a height of 0.5 meters.
VAP PR	mean vapor pressure (e), or partial pressure due to the presence of water vapor in the air. Expressed as kilopascals (kPa) and measured at a height of 1.5 meters.
VAP PRES DEF	vapor pressure deficit, or the difference between mean vapor pressure (e) and the total vapor pressure possible (e_s) if the air were saturated at the mean ambient temperature. Expressed as kilopascals (kPa) and measured at 1.5 meters.

Monthly temperatures, precipitation, and degree days, including departures from normal, are summarized in Tables 1 through 6. Figures 1 through 9 illustrate daily maximum and minimum temperatures from the 1986 growing season along with the 30 year temperature normals. Daily observations at each location for the period April 1 through October 31 follow on subsequent pages. Monthly means or totals for each type of measurement are shown following the end of the month. Missing values are noted and may be due to a number of problems related to instrument

installation, malfunction of the data logging equipment, or transmission error during computer processing. An asterisk is used following dates when data shown represent manual observations recorded from standard National Weather Service instruments which differed in some way from the standard set of electronic instruments used to make measurements on most dates. Data marked by an asterisk also differ in the time of observation. At Cloquet, Rosemount, and St Paul observations were made at or near 5 pm each day. All other sites recorded manual observations at 8 am. For dates listed without an asterisk, electronic measurements were made and summarized as means or totals on a midnight to midnight basis. Other discrepancies and inconsistencies in the data are explained in the notes on pages 4 and 5.

This publication is intended to provide researchers with sufficient environmental data to interpret the physical or biological responses which are being researched in each respective field setting. Undoubtedly, there are many other applications of these data. Since the major objective is to provide a data source for university researchers, all measurements are expressed in standard scientific units. For conversion factors to other units of measure or for questions related to interpretation of these data, users can call the Minnesota Extension Service Climatology Office (625-4724).

Acknowledgements: The authors wish to express their appreciation to the personnel of the University of Minnesota who helped to maintain the equipment used and so diligently collected data throughout the year. Special thanks are expressed to the following individuals:

Personnel	Location
Mel Wiens/Shelly Notch/Roxanne Lundeen	Staples
Bill Connelly/Glenn Titrud	Becker
Karen Schuller/Clifford Wilcox	Rosemount
Vernon Ferch/Pat Kelly/Arielle Balak	Waseca
Tony Strasser/Ramona Creighton	Lamberton
Sam Evans/Jean Spohr/Gregg Regimbal	Morris
John Lamb/Janet Solheim	Crookston
Joe Rust	Grand Rapids
Ron Severs	Cloquet
Climatology Staff of the Soil Science Dept.	St Paul

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NOTES

1. Temperature and degree day normals shown in Tables 1, 3, 4, 5, and 6 were corrected for bias due to time of observation and represent values based on a midnight to midnight observation cycle. They are likely to differ from those published by the National Climatic Data Center.
2. Temperature, degree day, and precipitation normals were derived from records for the 1951 to 1980 period unless otherwise noted.
3. Because of relatively brief record histories at Staples, Becker, St Paul, and Lamberton, means from nearby locations, or shorter term averages were used in calculating departures from normal.
4. Except for Cloquet, St Paul and Rosemount, all sites recorded rainfall data at 8 am. These precipitation values were lagged one day such that they represent moisture conditions on the correct date.
5. Except for St Paul, where pan evaporation was recorded daily at 5 pm, all sites measured pan evaporation at 8 am. These data were lagged one day since the majority of evaporation occurred on the previous calendar date.
6. Daily evaporation measurements were not always taken at Becker, Staples, and Rosemount. For selected periods, total evaporation was equally divided among the number of days between measurements, or daily estimates were made using solar radiation data, temperature data, or other pan evaporation data.
7. Following the last date in each month, a monthly summary is shown for each measurement using means (MN) or totals (TOT). An M indicates missing or insufficient data.
8. Periodic missing data generally indicate instrument failure. For dates marked by an asterisk, some of the following sensors were used: air temperatures were measured using standard mercury and alcohol max/min thermometers; solar radiation was measured using either an Eppley pyranometer or a Yellow Springs Instrument Quantum Sensor; soil temperatures were taken by using either Palmer max/min thermometers or thermocouples; and mean wind speed was taken from a totalizing anemometer at 0.5 meter height.

9. Except for the base 10/30 degree C method, all degree days were calculated in the following manner:
$$[(T_{\max} + T_{\min})/2] - B = \text{daily degree days}$$
where B represents a base temperature value of 4.44, 7.22, or 10 degrees C. For the base 10/30 degree C method, minimum temperatures below 10 degrees and maximum temperatures above 30 degrees are ignored and reset to 10 and 30, respectively to calculate daily values. Thus, for a day with a minimum temperature of 8 degrees C and a maximum of 32 degrees C, the daily degree days would be 10 $([30 + 10/2] - 10)$.
10. Extraordinary pan evaporation values in excess of 10 mm may be due to measurement error, or splash loss caused by strong winds, intense rainfall, or hail.
11. Due to the surrounding forested environment, the data from Cloquet and Grand Rapids cannot be extrapolated as well over distance as those data from other sites.

TABLE 1.

MEAN MONTHLY TEMPERATURE AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	8.1 +0.9	14.1 +0.8	19.6 +1.2	22.3 +1.3	18.1 -1.5	13.8 -0.4	8.0 -0.3
CROOKSTON DEP.	6.4 +1.7	14.9 +2.7	18.9 +1.3	21.5 +1.2	18.4 -1.1	13.5 -0.3	7.0 -2.5
CLOQUET DEP.	6.9 +2.6	12.5 +1.4	15.6 +0.3	19.0 +0.4	16.2 -1.0	11.7 -0.1	6.3 0
GRAND RAPIDS DEP.	7.0 +2.9	13.3 +3.3	17.0 +1.8	20.2 +1.4	16.6 -0.8	12.2 +0.3	6.7 +0.2
LAMBERTON DEP. (2)	8.8 +1.3	15.2 +0.7	21.1 +1.0	22.9 +0.8	18.8 -1.8	14.9 -0.5	9.0 -0.7
MORRIS DEP.	7.3 +1.0	14.4 +1.0	19.8 +0.9	21.9 +0.7	17.9 -2.3	13.3 -1.1	7.5 -0.7
ROSEMOUNT DEP.	10.2 +4.7	15.2 +1.9	20.6 +1.9	22.2 +0.9	18.1 -1.3	15.0 +0.3	9.6 +0.8
ST. PAUL DEP. (3)	10.5 +2.7	15.9 +1.2	21.0 +0.9	23.5 +1.4	20.0 -1.5	15.9 +0.1	10.2 +0.4
STAPLES DEP. (4)	6.9 +1.7	13.6 +1.3	18.5 +0.8	21.0 +0.6	17.4 -1.9	12.9 -0.5	7.5 +0.1
WASECA DEP.	9.4 +2.5	15.4 +1.9	20.4 +1.2	22.6 +1.3	18.7 -1.3	15.7 +0.8	9.4 -0.4

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

(TEMPERATURE NORMALS IN THIS TABLE HAVE BEEN CORRECTED FOR TIME OF OBSERVATION AND MAY THEREFORE DIFFER FROM THOSE PUBLISHED BY THE NATIONAL CLIMATIC CENTER.)

TABLE 2.

TOTAL MONTHLY PRECIPITATION AND DEPARTURE FROM NORMAL
(MILLIMETERS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT

BECKER	146.81	66.80	99.06	147.08	84.57	198.88	21.08
DEP. (1)	+93.98	-25.66	-12.95	+53.10	-26.68	+125.47	-28.70
CLOQUET	129.55	78.23	214.62	122.43	186.18	178.55	22.60
DEP.	+76.72	-8.38	+110.48	+11.43	+83.56	+94.48	-33.28
CROOKSTON	127.27	50.54	44.44	94.23	41.15	56.91	7.36
DEP.	+91.96	-5.34	-47.25	+13.71	-36.07	+21.60	-27.95
GRAND RAPIDS	114.30	52.07	154.94	138.67	71.37	122.42	15.23
DEP.	+63.75	-28.19	+58.67	+34.02	-14.48	+46.47	-36.08
LAMBERTON	166.62	65.27	90.18	174.25	94.23	238.50	27.43
DEP. (2)	+102.87	-16.26	+3.82	+78.49	+29.97	+167.63	-31.50
MORRIS	155.45	72.39	106.69	164.08	139.94	81.77	7.10
DEP.	+93.22	-16.01	+7.38	+80.51	+60.44	+33.26	-39.89
ROSEMOUNT	132.84	116.32	166.63	94.75	101.33	221.50	58.66
DEP.	+70.36	+22.59	+45.47	+3.82	-7.64	+140.98	+2.27
ST. PAUL	157.45	83.82	160.02	119.64	74.67	154.18	39.10
DEP. (3)	+95.72	-7.37	+48.52	+28.71	-22.61	+76.71	-22.11
STAPLES	115.83	87.13	123.93	135.38	77.74	139.95	6.62
DEP. (4)	+52.84	+10.68	+12.17	+34.29	-9.64	+76.96	-39.10
WASECA	98.55	97.02	208.54	99.06	61.20	141.49	76.96
DEP.	+31.49	+1.52	+94.75	-3.05	-40.40	+56.15	+23.87

- (1) DEPARTURE FROM ELK RIVER NORMALS
 (2) DEPARTURE FROM 1960 - 1982 AVERAGE
 (3) DEPARTURE FROM 1961 - 1980 AVERAGE
 (4) DEPARTURE FROM WADENA NORMALS

TABLE 3.

TOTAL DEGREE DAYS (BASE 4.44) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
<hr/>							
BECKER	116	300	455	553	422	281	116
DEP. (1)	+18	+26	+38	+40	-48	-9	-28
CLOQUET	89	250	337	452	366	218	76
DEP.	+28	+38	+10	+13	-31	-4	-23
CROOKSTON	84	328	435	529	432	272	104
DEP.	+8	+84	+42	+37	-33	0	-18
GRAND RAPIDS	87	277	378	490	376	232	90
DEP.	+26	+65	+26	+44	-24	+8	-14
LAMBERTON	131	335	500	571	444	313	152
DEP. (2)	+13	+24	+31	+26	-56	-21	-24
MORRIS	96	312	461	541	418	266	112
DEP.	-7	+32	+29	+20	-69	-33	-29
ROSEMOUNT	172	335	483	550	424	318	162
DEP.	+70	+57	+54	+29	-53	+13	+4
ST. PAUL	182	355	498	590	482	343	182
DEP. (3)	+50	+35	+30	+20	-45	+3	+2
STAPLES	81	286	421	514	400	255	108
DEP. (4)	+2	+37	+21	+20	-60	-11	-17
WASECA	152	340	478	564	442	338	159
DEP.	+49	+47	+36	+41	-37	+25	-1

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

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TABLE 4.

TOTAL DEGREE DAYS (BASE 7.22) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	54 0	216 +23	372 +39	467 +40	336 -48	198 -10	55 -32
CLOQUET DEP.	40 +12	167 +30	254 +11	366 +13	280 -31	135 -7	36 -17
CROOKSTON DEP.	33 -8	247 +79	352 +41	443 +37	346 -33	188 -4	51 -22
GRAND RAPIDS DEP.	36 +6	198 +57	294 +25	404 +44	289 -25	149 +4	42 -16
LAMBERTON DEP. (2)	68 +3	251 +24	417 +31	485 +26	358 -56	230 -20	86 -25
MORRIS DEP.	43 -16	229 +28	378 +29	455 +21	332 -69	183 -34	58 -27
ROSEMOUNT DEP.	96 +38	248 +50	400 +55	463 +28	338 -53	235 +13	94 -5
ST. PAUL DEP. (3)	106 +26	269 +32	414 +29	504 +20	396 -45	259 +2	105 -11
STAPLES DEP. (4)	33 -8	205 +35	338 +22	427 +20	314 -60	172 -14	515 -22
WASECA DEP.	84 +29	255 +45	394 +35	478 +41	355 -38	254 +23	86 -13

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

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TABLE 5.

TOTAL DEGREE DAYS (BASE 10) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	21	141	289	380	250	119	22
DEP. (1)	-5	+18	+38	+39	-48	-13	-24
CLOQUET	14	108	171	280	196	66	13
DEP.	-5	+31	+9	+13	-29	-10	-11
CROOKSTON	12	176	268	356	260	108	16
DEP.	-6	+72	+41	+36	-32	-12	-21
GRAND RAPIDS	11	125	211	318	206	78	16
DEP.	-1	+42	+24	+44	-22	-1	-10
LAMBERTON	31	168	333	399	271	150	42
DEP. (2)	+1	+19	+30	+54	-31	+17	-22
MORRIS	12	152	294	369	245	104	25
DEP.	-17	+22	+28	+21	-71	-38	-20
ROSEMOUNT	43	164	317	377	251	153	44
DEP.	+16	+37	+55	+29	-54	+12	-11
ST. PAUL	50	185	331	418	309	176	53
DEP. (3)	+8	+24	+29	+20	-46	-38	-13
STAPLES	8	132	255	341	228	94	18
DEP. (4)	-8	+27	+22	+20	-60	-20	-19
WASECA	42	175	311	392	269	171	39
DEP.	+18	+41	+36	+41	-39	+21	-15

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

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TABLE 6.

TOTAL DEGREE DAYS (BASE 10/30) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	76 +25	179 +27	276 +20	352 +13	262 -37	153 -6	74 -1
CLOQUET DEP.	62 +31	160 +48	206 +24	279 +9	221 -13	108 -6	47 -4
CROOKSTON DEP.	47 +8	194 +59	276 +40	355 +35	273 -21	141 -9	66 +1
GRAND RAPIDS DEP.	55 +23	168 +54	229 +27	315 +39	225 -12	114 -3	52 -2
LAMBERTON DEP. (2)	75 +16	199 +23	319 +16	389 +21	280 -46	175 -14	86 -8
MORRIS DEP.	54 +1	180 +22	288 +18	363 +17	260 -55	142 -26	74 +1
ROSEMOUNT DEP.	106 +53	206 +50	317 +51	371 -6	261 -44	177 +8	93 +9
ST. PAUL DEP. (3)	101 +32	214 +30	329 +27	406 +19	312 -37	188 -9	94 -2
STAPLES DEP. (4)	58 +18	172 +36	260 +19	339 +19	247 -43	129 -16	65 0
WASECA DEP.	86 +34	198 +35	308 +31	387 +38	278 -30	190 +16	79 -6

(1) DEPARTURE FROM ST. CLOUD NORMALS

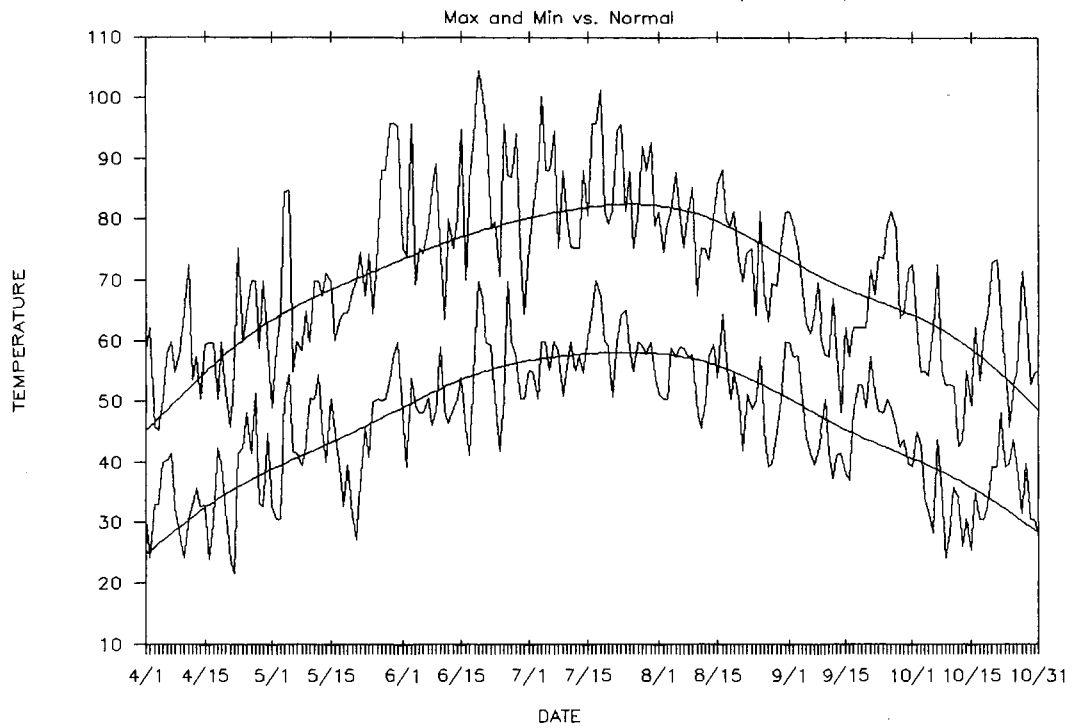
(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

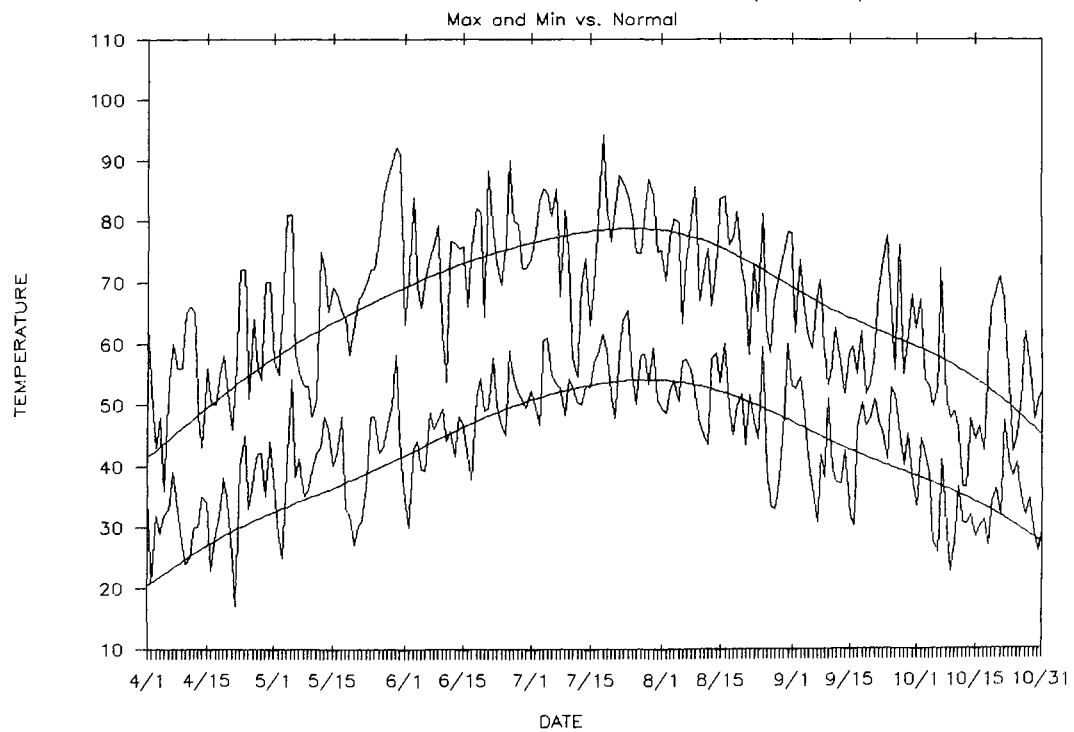
(4) DEPARTURE FROM WADENA NORMALS

(TEMPERATURE NORMALS IN THIS TABLE HAVE BEEN CORRECTED FOR TIME

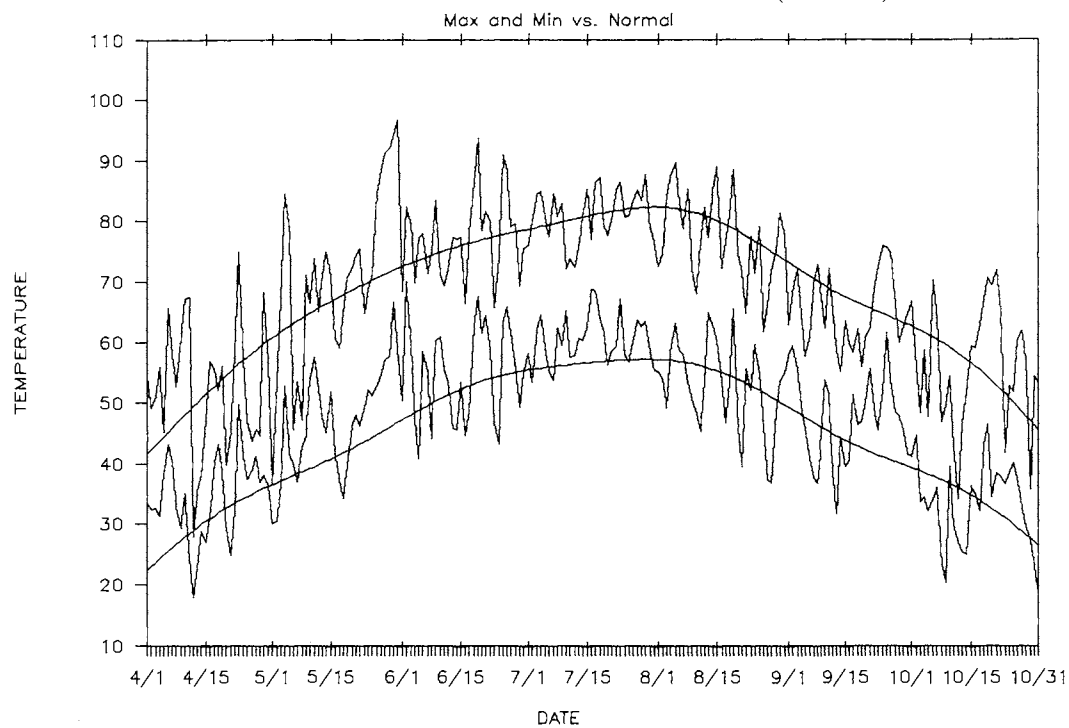
BECKER TEMPERATURES (1986)



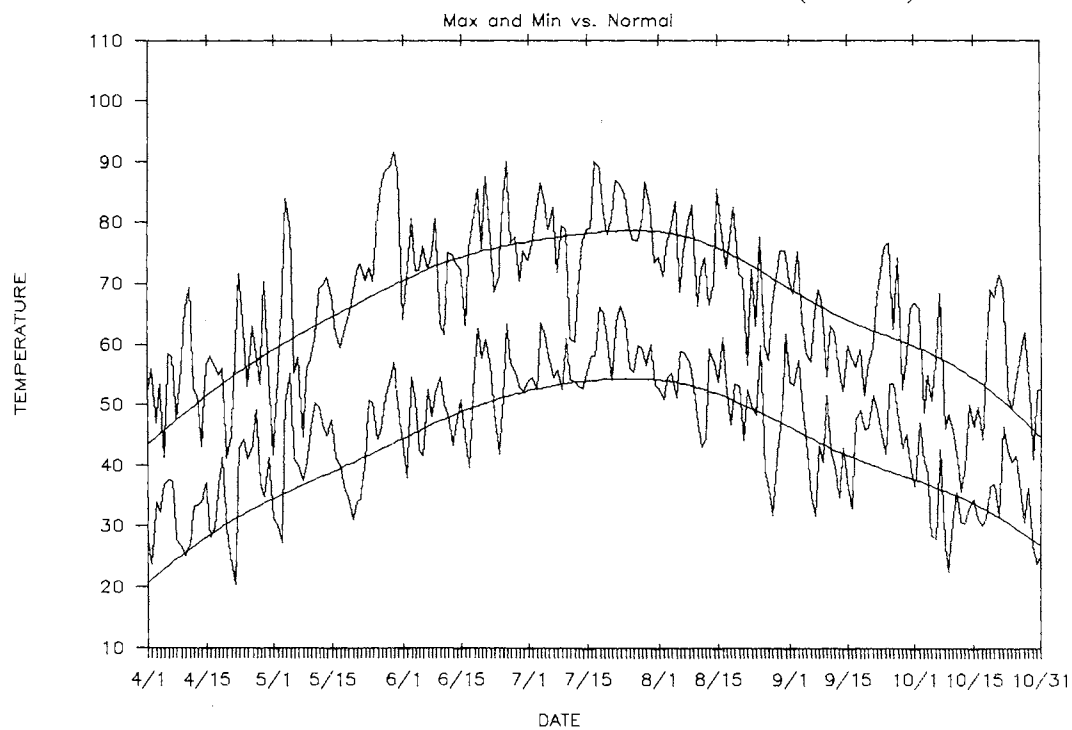
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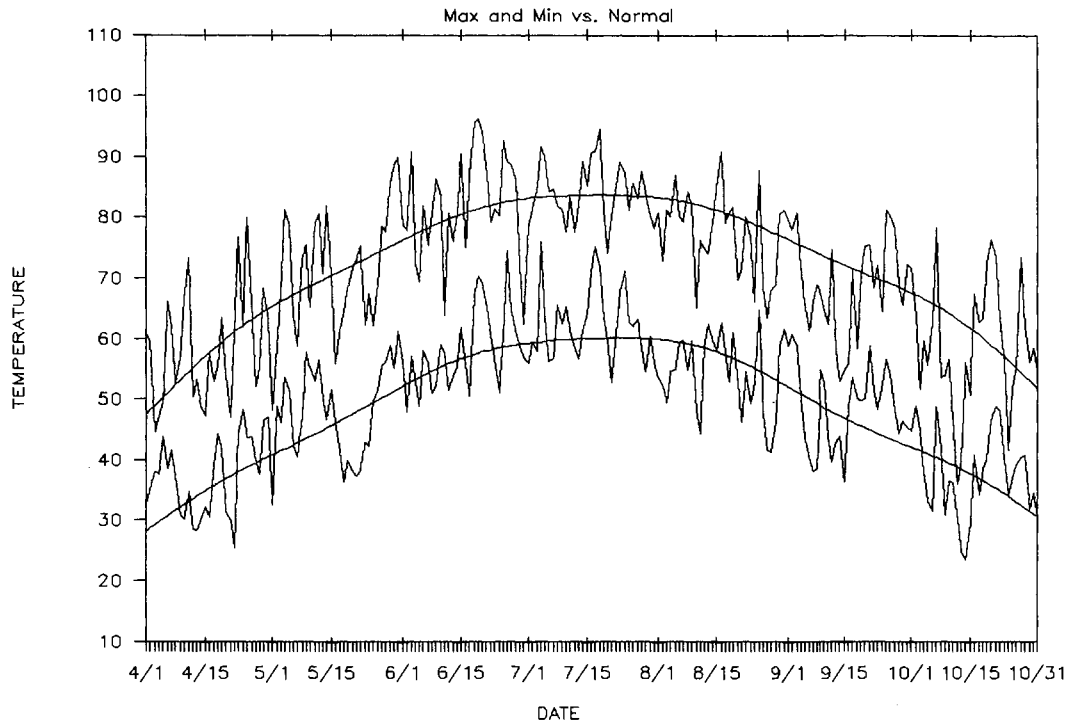
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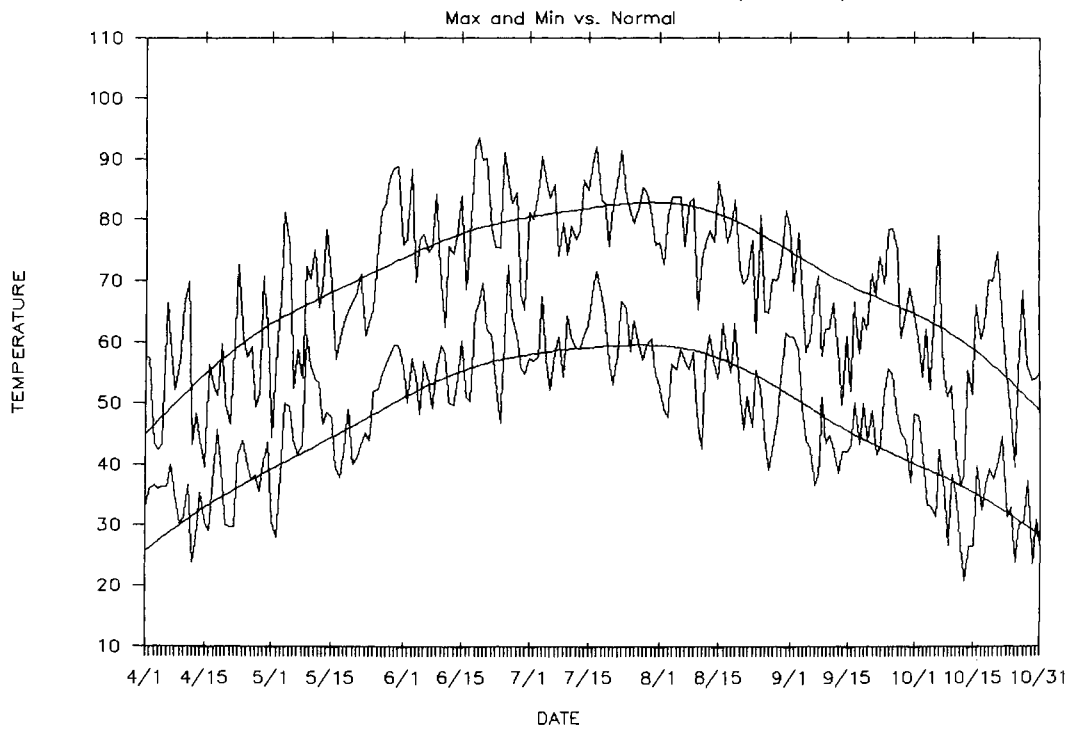
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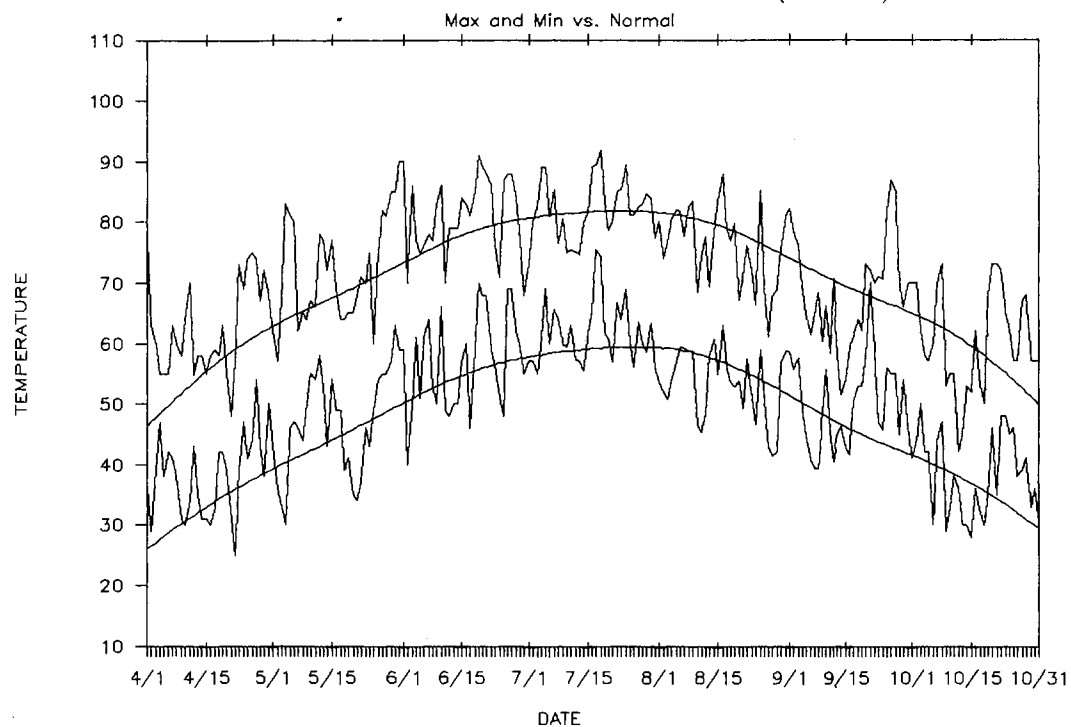
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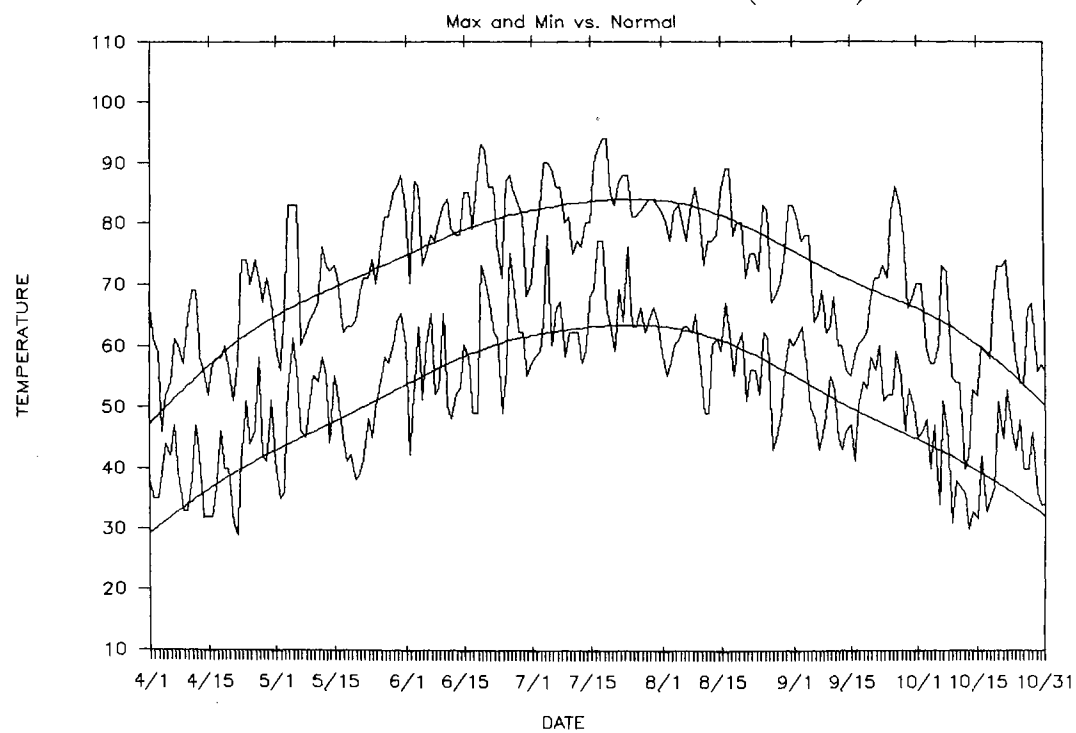
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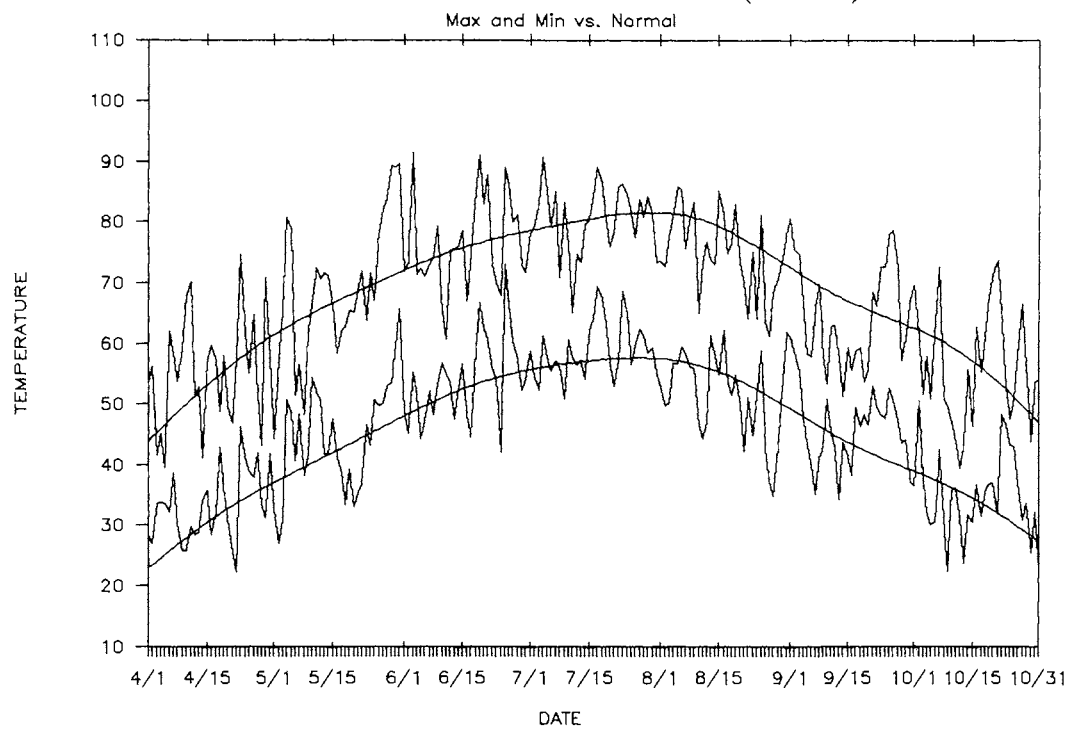
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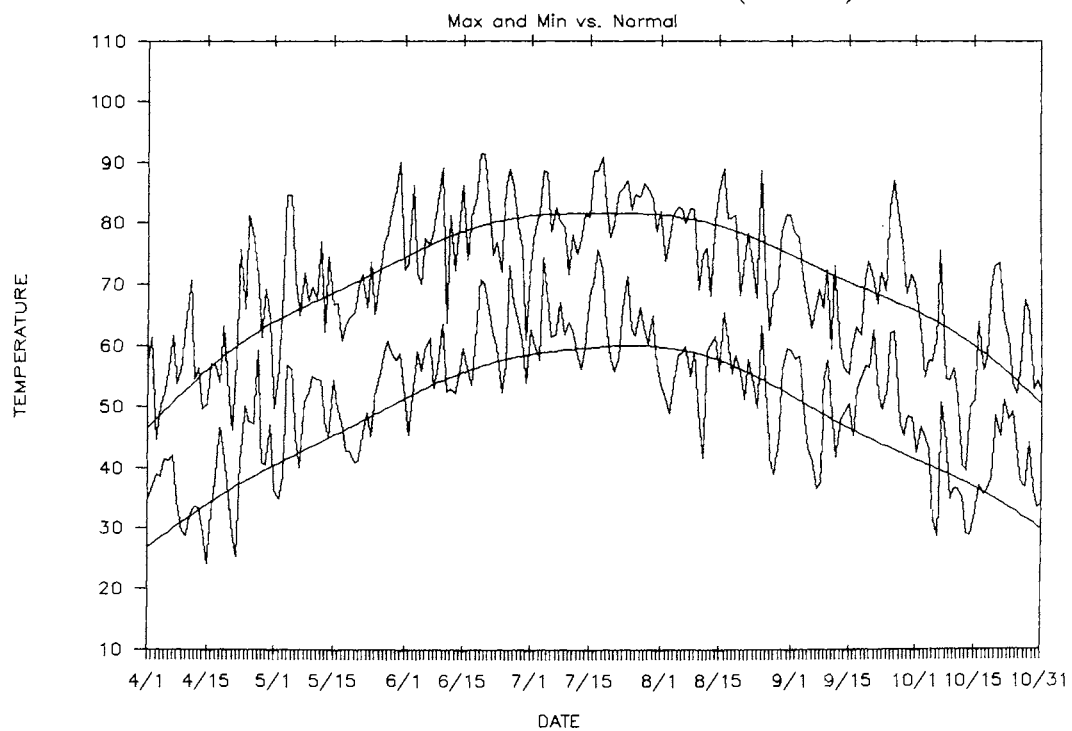
ST. PAUL TEMPERATURES (1986)



STAPLES TEMPERATURES (1986)



WASECA TEMPERATURES (1986)



B E C K E R

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D.	ACCM D.D.	MAX SOIL TEMP	MIN SOIL TEMP	MAX SOIL TEMP	MIN SOIL TEMP	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
								BASE 10	BASE 1030	5CM	5CM	10CM	10CM							
4/ 1/86	14.8	-0.9	0.00		M 6.17	81	17	0	2	20.1	0.4	15.4	4.0	2.66	1.84	334	45	11	0.46	0.58
4/ 2/86	16.8	-4.4	0.00		M 5.17	81	20	0	6	19.7	0.0	14.8	0.5	2.60	1.44	89	54	29	0.46	0.69
4/ 3/86	7.7	0.6	11.43		M 0.90	84	69	0	6	7.7	4.0	9.2	4.0	3.29	2.00	347	51	60	0.66	0.15
4/ 4/86	7.4	0.5	10.16		M 0.82	84	78	0	6	7.0	4.0	5.2	4.0	2.95	1.54	352	56	45	0.71	0.16
4/ 5/86	10.2	4.4	4.06		M 0.82	83	79	0	6	9.5	4.8	7.7	4.4	2.08	1.41	257	46	96	0.84	0.20
4/ 6/86	14.4	4.6	0.00		M 3.07	82	67	0	8	15.4	4.6	12.7	4.5	2.81	1.10	271	63	44	0.82	0.26
4/ 7/86	15.4	5.2	0.00		M 6.51	79	20	0	11	20.8	4.6	15.4	5.1	4.06	3.13	325	39	3	0.59	0.73
4/ 8/86	12.6	0.3	0.00		M 6.29	70	25	0	12	18.2	2.6	12.8	4.0	4.85	3.94	341	35	0	0.47	0.51
4/ 9/86	14.6	-2.5	0.00		M 6.66	82	8	0	14	19.8	0.2	15.4	0.7	2.62	2.05	339	38	11	0.37	0.58
4/10/86	18.1	-4.3	0.00		M 6.60	82	14	0	18	21.1	0.3	17.9	2.3	1.77	1.45	337	35	14	0.42	0.76
4/11/86	22.5	-0.9	0.00		M 6.48	81	13	1	25	25.5	2.8	19.7	4.5	1.67	0.42	51	70	21	0.52	0.98
4/12/86	12.0	0.4	0.00		M 3.15	80	47	1	26	15.4	5.4	12.8	8.9	2.39	1.65	342	45	2	0.68	0.38
4/13/86	14.1	2.1	0.00		M 3.82	76	38	1	28	17.7	5.4	14.7	5.3	2.94	1.57	73	55	2	0.61	0.51
4/14/86	10.2	0.3	43.94		M 0.39	84	56	1	28	10.2	4.1	10.2	4.1	3.50	1.15	344	66	91	0.63	0.19
4/15/86	15.2	0.4	1.02		M 5.55	83	33	1	30	18.2	2.6	14.5	4.0	4.86	4.19	349	30	25	0.57	0.49
4/16/86	15.4	-4.6	0.00		M 7.03	83	24	1	33	21.1	0.4	17.9	2.5	1.68	1.16	10	45	9	0.47	0.55
4/17/86	15.4	-0.5	0.00		M 3.91	80	52	1	36	15.7	4.0	12.7	4.4	2.93	1.47	102	57	0	0.68	0.44
4/18/86	10.2	5.2	16.26		M 0.58	83	55	1	36	9.8	7.4	10.0	7.5	3.96	2.25	109	53	70	0.84	0.30
4/19/86	15.4	4.1	0.76		M 5.07	83	37	1	39	20.4	5.2	15.4	5.3	4.70	0.31	348	78	43	0.74	0.38
4/20/86	10.7	-0.0	0.00		M 5.00	84	46	1	39	15.9	4.1	14.2	5.1	4.35	2.62	354	51	35	0.61	0.34
4/21/86	7.7	-4.6	0.00	4.06	7.03	76	18	1	39	18.3	2.2	15.3	4.1	3.62	2.82	358	38	0	0.33	0.38
4/22/86	12.7	-5.8	0.00	7.37	7.08	83	25	1	40	18.2	0.2	15.4	1.8	3.79	1.41	130	64	4	0.40	0.53
4/23/86	24.1	5.2	0.00	8.89	6.53	58	29	6	47	23.4	5.1	18.1	5.2	7.23	2.60	123	65	0	0.74	1.06
4/24/86	15.4	5.8	12.95	3.05	3.01	82	52	6	50	18.2	9.0	15.4	9.5	3.38	1.93	343	53	32	M	M
4/25/86	18.1	8.9	11.94	3.05	0.09	88	65	10	54	18.0	10.7	15.3	10.2	3.21	1.82	237	53	58	1.32	0.34
4/26/86	21.0	5.2	8.38	3.05	5.18	94	59	13	60	25.8	9.0	20.9	9.0	2.15	0.54	12	70	14	1.16	0.38
4/27/86	21.0	10.7	9.40	3.30	1.77	95	88	19	66	19.9	14.1	17.8	14.1	2.01	1.50	150	40	79	1.68	0.15
4/28/86	14.8	0.7	14.48	1.52	1.33	99	84	19	68	15.4	4.8	15.4	6.5	3.38	2.65	322	38	60	0.92	0.08
4/29/86	21.0	0.3	1.52	3.30	5.63	99	43	20	73	24.1	4.0	20.3	5.3	2.08	0.83	224	63	54	0.99	0.49
4/30/86	15.4	7.1	0.51	4.83	3.88	96	47	21	76	20.6	8.9	17.4	9.9	3.71	2.22	284	51	40	1.04	0.35

MONTHLY	MEAN 14.8	MEAN 1.5	TOTAL 146.81	TOTAL M	MEAN 4.18	MN. 83	MN. 44	TOTL 21	TOT 76	MEAN 17.7	MEAN 4.5	MEAN 14.7	MEAN 5.4	MEAN 3.24	MEAN 1.83	MN. 242	MN. 52	MN 32	MEAN M	MEAN M
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5/ 1/86	9.4	0.3	0.00	3.81	4.13	76	59	21	76	15.5	5.2	14.3	7.0	5.00	4.42	329	28	0	0.59	0.26
5/ 2/86	14.6	-0.9	0.00	6.86	7.73	92	33	21	78	24.2	3.1	19.7	5.9	2.47	2.10	345	32	7	0.52	0.44
5/ 3/86	18.1	-0.9	0.00	6.86	6.76	100	39	21	83	24.2	4.1	20.7	5.2	3.08	2.70	177	28	31	0.74	0.60
5/ 4/86	29.3	10.2	0.00	6.86	7.26	77	47	31	92	30.3	10.1	25.7	10.2	6.58	6.33	201	16	0	1.42	0.96
5/ 5/86	29.3	12.4	0.00	11.43	6.82	78	28	41	103	31.2	14.9	26.3	15.1	6.08	5.06	210	33	1	1.27	1.15
5/ 6/86	12.8	5.3	0.00	5.84	4.89	72	45	41	104	21.1	10.4	18.2	12.8	5.39	4.42	270	34	0	0.68	0.59
5/ 7/86	15.4	5.2	0.00	8.89	4.36	79	59	42	107	22.9	10.2	19.6	10.3	2.82	2.14	41	40	0	0.82	0.41
5/ 8/86	14.6	4.1	25.91	1.78	1.83	98	65	42	109	15.4	5.6	14.3	9.0	3.54	2.74	65	38	60	0.94	0.12
5/ 9/86	18.2	5.7	0.00	1.52	2.32	97	79	44	114	18.2	9.0	15.4	9.0	3.20	2.72	141	31	16	1.36	0.19
5/10/86	15.4	10.2	10.67	1.52	1.49	96	90	46	116	15.7	10.7	15.4	10.5	2.41	1.92	147	37	72	1.47	0.12
5/11/86	21.0	10.2	4.57	1.52	4.52	96	72	52	122	27.3	10.3	21.2	10.3	1.65	0.86	120	56	56	1.51	0.22
5/12/86	21.0	12.4	17.27	2.54	2.18	96	79	59	129	23.2	14.1	21.6	14.8	2.35	1.34	176	53	51	1.67	0.14
5/13/86	19.6	7.3	0.00	3.30	4.27	96	46	62	134	21.1	10.2	21.4	13.6	2.10	1.67	353	36	46	1.20	0.41
5/14/86	21.7	4.4	0.00	3.30	7.30	97	50	65	139	27.9	9.0	25.7	10.9	2.46	1.95	173	37	41	1.24	0.56
5/15/86	21.0	10.2	0.00	3.05	4.11	95	70	71	145	24.1	14.1	22.2	14.1	1.53	0.47	321	67	50	1.57	0.32
5/16/86	15.5	7.3	0.00	4.83	2.57	97	60	72	148	18.2	9.8	19.3	11.5	1.98	1.76	324	27	36	1.02	0.36
5/17/86	17.5	4.0	0.00	5.08	7.46	90	44	73	152	26.9	5.7	22.6	9.0	3.04	2.63	2	30	14	0.80	0.50
5/18/86	18.1	0.3	0.00	5.08	7.97	99	42	73	156	27.8	5.3	25.8	9.0	2.42	1.96	23	35	26	0.77	0.53
5/19/86	18.1	4.2	0.00	6.60	8.23	84	37	74	160	31.0	9.0	27.7	11.5	2.47	2.14	59	29	26	0.71	0.67
5/20/86	20.1	-0.4	0.00	7.37	8.29	91	21	74	165	31.3	8.0	27.6	11.5	1.90	1.32	65	45	24	0.59	0.73
5/21/86	21.0	-2.7	0.00	7.37	8.40	98	18	74	170	31.3	7.6	28.3	11.5	1.91	1.32	72	45	28	0.51	1.00
5/22/86	23.7	2.3	0.00	7.11	7.84	80	21	77	177	31.2	9.5	29.3	11.9	2.17	1.71	71	M	8	0.72	0.95
5/23/86	19.6	7.6	1.27	3.56	4.84	96	57	81	182	26.6	14.1	25.1	14.5	2.15	1.12	151	56	36	1.13	0.41
5/24/86	23.6	4.9	0.51	3.56	5.95	98	37	85	189	31.2	10.0	27.6	12.1	1.43	0.30	187	72	42	1.11	0.50
5/25/86	18.0	9.9	5.33	3.56	3.06	95	77	89	193	21.3	12.8	22.1	14.1	1.77	1.22	62	45	80	1.35	0.16
5/26/86	24.1	10.2	1.27	3.56	6.19	95	49	96	200	30.8	10.7	28.1	14.1	2.04	1.63	51	36	33	1.43	0.60
5/27/86	31.1	10.0	0.00	7.37	7.94	96	36	107	210	40.3	14.1	34.4	14.4	2.11	1.65	53	38	11	1.45	1.12
5/28/86	31.1	10.2	0.00	6.60	7.44	95	40	118	220	39.1	15.0	34.8	15.4	1.54	0.95	119	50	35	1.58	1.05
5/29/86	35.4	11.9	0.00	7.37	7.66	94	30	131	231	41.9	15.5	35.6	17.6	1.28	0.40	57	67	30	1.58	1.49
5/30/86	35.4	14.4	0.00	8.89	7.19	94	30	146	243	40.9	19.7	35.6	20.0	1.67	1.26	298	40	21	1.70	1.52
5/31/86	35.1	15.5	0.00	8.89	8.07	78	33	161	256	41.3	19.8	36.2	20.8	2.72	2.32	283	31	0	1.63	1.81

MONTHLY	MEAN 21.6	MEAN 6.7	TOTAL 66.80	TOTAL 165.88	MEAN 5.78	MN. 91	MN. 48	TOTL 141	TOT 180	MEAN 27.5	MEAN 10.6	MEAN 24.6	MEAN 12.2	MEAN 2.69	MEAN 2.08	MN. 160	MN. M	MN 28	MEAN 1.13	MEAN 0.64
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B E C K E R

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 5CM	MIN SOIL TEMP 5CM	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86	24.1	8.9	0.00	8.64	7.80	78	49	168	263	35.6	19.7	31.2	21.1	3.19	2.48	48	38	0	1.22	0.74
6/ 2/86	23.4	4.0	0.00	5.08	8.20	94	39	172	270	34.5	14.2	28.2	15.5	2.90	2.41	170	33	21	0.90	0.83
6/ 3/86	35.4	12.2	0.00	7.62	7.79	78	35	185	281	40.3	15.4	35.4	18.0	4.66	3.75	214	36	0	1.40	1.64
6/ 4/86	20.7	9.6	3.30	4.83	3.67	93	50	191	286	26.3	15.0	26.0	17.6	2.27	1.99	37	28	41	1.36	0.54
6/ 5/86	24.1	8.9	0.00	7.37	8.40	96	31	197	293	35.6	10.7	30.7	14.3	2.34	1.70	82	42	28	1.06	0.92
6/ 6/86	23.6	8.9	0.00	5.33	3.07	92	64	203	300	27.5	15.5	24.1	17.6	2.19	1.49	134	46	0	1.43	0.48
6/ 7/86	26.0	10.3	0.00	5.59	5.69	93	41	211	308	33.9	19.6	29.3	19.6	3.16	1.76	311	54	13	1.61	0.69
6/ 8/86	29.3	7.8	0.00	5.59	8.59	96	20	220	318	39.7	14.2	35.4	16.8	1.97	1.45	40	41	28	0.99	1.12
6/ 9/86	31.8	9.0	0.00	6.10	7.84	94	30	230	328	40.3	15.4	35.4	17.4	2.52	1.84	160	39	26	1.21	1.35
6/10/86	23.4	15.0	11.43	3.05	2.01	94	48	240	337	26.1	15.8	25.8	19.5	2.47	1.56	56	49	46	1.65	0.35
6/11/86	17.5	9.1	0.51	3.56	2.72	96	78	243	341	21.1	14.3	22.6	16.8	4.03	3.51	30	29	21	1.38	0.18
6/12/86	26.8	7.9	0.00	5.84	6.81	96	36	250	349	31.3	14.1	29.3	14.1	2.22	1.19	309	55	1	1.35	0.65
6/13/86	24.1	9.3	0.00	6.35	6.71	93	30	257	356	31.3	12.7	29.3	14.5	2.25	1.84	254	35	28	1.11	0.90
6/14/86	26.8	10.2	0.00	6.35	6.93	94	40	265	364	35.3	14.8	30.0	16.8	1.64	1.13	49	45	21	1.33	0.82
6/15/86	34.8	12.2	0.00	6.60	6.11	95	39	279	376	39.8	15.5	34.4	19.2	3.94	3.39	204	30	38	1.81	0.86
6/16/86	21.1	7.4	0.00	8.89	8.45	89	22	283	381	35.6	17.6	32.8	19.7	3.54	2.78	342	37	8	1.00	0.94
6/17/86	30.2	5.0	3.05	5.84	7.16	100	28	291	391	39.6	13.3	33.3	16.9	1.76	1.14	171	48	56	1.17	0.83
6/18/86	35.4	14.3	4.32	6.10	6.95	94	57	306	403	40.3	17.6	35.4	19.6	3.34	2.68	215	36	32	2.40	0.79
6/19/86	40.3	21.0	0.00	8.89	7.98	91	38	326	419	46.1	20.9	40.3	22.5	2.72	1.83	228	46	0	2.58	1.79
6/20/86	38.3	19.5	21.84	M	4.50	92	60	345	434	46.0	21.1	39.2	22.6	2.68	1.80	171	46	52	2.47	0.62
6/21/86	35.4	15.3	35.31	M	5.47	93	67	361	446	40.3	19.6	35.4	19.7	3.36	2.47	200	42	51	2.51	0.43
6/22/86	26.0	15.2	9.65	M	7.71	93	43	371	457	34.8	19.6	33.3	19.7	3.19	1.74	262	55	31	1.60	0.74
6/23/86	26.4	10.2	0.00	6.60	5.80	88	43	379	465	33.8	15.7	29.9	19.6	3.01	1.99	317	47	4	1.36	0.82
6/24/86	21.5	5.5	0.00	5.59	8.28	100	42	383	471	35.6	12.8	33.2	16.8	1.71	0.56	116	66	38	1.13	0.64
6/25/86	35.4	10.2	0.00	7.87	7.55	99	53	396	481	43.3	15.4	35.2	17.7	4.25	3.82	198	26	28	2.05	0.99
6/26/86	30.6	21.0	0.76	3.30	3.77	91	65	412	496	34.8	21.1	32.4	23.1	3.77	3.45	215	24	18	2.47	0.63
6/27/86	30.6	15.4	0.00	5.33	8.30	92	41	425	509	43.9	20.0	37.8	22.3	2.31	1.94	358	32	28	1.93	0.94
6/28/86	34.6	14.1	0.00	5.59	8.00	94	36	439	521	46.1	20.0	40.3	22.6	1.48	0.99	320	47	31	1.61	1.26
6/29/86	23.7	10.2	6.10	5.59	3.32	98	42	446	528	31.3	15.6	29.4	19.7	1.31	0.85	50	48	69	1.35	0.48
6/30/86	18.1	10.2	2.79	1.78	2.76	94	78	450	532	24.2	15.4	23.2	17.0	1.73	1.21	128	45	39	1.45	0.19
MONTHLY	MEAN 28.0	MEAN 11.3	TOTAL 99.06	TOTAL M	MEAN 6.28	MN. 93	MN. 45	TOTL 289	TOT 276	MEAN 35.8	MEAN 16.4	MEAN 31.9	MEAN 18.6	MEAN 2.73	MEAN 2.03	MN. 180	MN. 42	MN 26	MEAN 1.56	MEAN 0.81
7/ 1/86	24.0	12.8	6.86	3.56	4.57	97	63	458	541	31.2	15.4	29.3	16.9	1.19	0.39	278	67	68	1.67	0.35
7/ 2/86	27.5	12.7	0.00	6.10	7.50	98	41	468	551	34.8	15.4	33.0	16.8	1.85	1.51	352	35	49	1.64	0.76
7/ 3/86	31.1	10.3	0.00	9.14	8.12	97	52	479	561	38.8	15.4	35.4	17.4	3.41	3.07	186	26	34	1.83	0.83
7/ 4/86	37.9	15.4	3.30	5.33	6.15	97	66	496	574	40.3	19.8	38.1	22.1	2.79	1.66	176	52	27	2.77	0.63
7/ 5/86	31.1	15.4	26.42	7.62	3.67	93	74	509	586	33.4	19.7	32.5	22.4	4.16	3.31	201	37	32	2.62	0.49
7/ 6/86	31.1	12.8	0.00	7.87	7.27	99	38	521	598	35.4	15.5	34.8	18.0	1.84	1.47	267	36	28	1.65	0.95
7/ 7/86	34.7	15.4	0.00	4.57	8.15	92	37	536	610	45.2	18.5	39.8	19.7	1.90	1.23	238	48	4	1.90	1.22
7/ 8/86	24.1	14.7	8.89	3.30	2.70	98	78	546	620	27.5	18.2	26.7	19.9	2.02	1.32	57	48	40	2.09	0.27
7/ 9/86	31.1	10.4	0.00	6.10	8.31	96	43	556	630	40.3	15.4	35.3	17.1	1.48	0.77	66	56	49	1.73	0.90
7/10/86	26.6	13.1	0.00	5.59	5.32	94	59	566	640	35.6	18.2	33.2	19.7	1.92	1.57	148	34	33	1.78	0.53
7/11/86	24.1	15.4	13.97	3.56	3.69	96	69	576	650	27.9	19.7	28.7	19.6	1.54	0.54	21	65	61	1.86	0.30
7/12/86	24.1	12.8	6.86	3.56	3.22	98	64	584	658	27.5	15.4	28.2	19.4	1.57	0.35	232	72	75	1.66	0.26
7/13/86	24.1	14.1	0.00	3.81	6.29	93	59	593	667	31.3	15.4	29.3	16.9	2.65	2.15	284	35	25	1.70	0.46
7/14/86	31.1	12.6	0.00	4.83	6.69	95	63	605	678	39.1	15.4	35.4	17.5	1.60	1.25	152	38	53	2.05	0.51
7/15/86	27.1	15.8	11.18	2.29	2.06	95	80	617	690	27.8	20.0	28.1	21.9	1.34	0.94	89	44	61	2.24	0.27
7/16/86	35.4	18.2	0.00	6.60	6.89	98	9	634	704	40.3	20.4	35.4	21.9	2.80	2.27	182	35	33	2.99	0.57
7/17/86	35.4	21.0	0.00	8.13	7.71	97	69	652	719	46.1	21.0	40.3	22.8	4.05	3.73	200	23	0	3.11	0.73
7/18/86	38.6	19.6	2.03	8.89	4.33	93	66	671	734	44.2	21.1	39.3	21.9	1.93	0.29	38	75	17	2.89	0.54
7/19/86	27.5	15.5	38.35	8.89	7.03	96	50	682	746	35.6	21.1	33.6	20.3	2.62	2.17	336	34	44	2.07	0.70
7/20/86	26.3	15.1	0.00	8.89	6.70	97	52	693	756	35.4	18.2	33.3	19.9	2.24	1.95	336	29	36	1.72	0.57
7/21/86	27.5	10.4	0.00	7.11	7.55	94	52	702	765	38.2	15.7	33.3	19.6	2.04	1.58	244	38	48	1.69	0.78
7/22/86	34.8	15.4	0.00	6.86	7.74	92	54	717	778	46.1	18.3	40.3	20.3	2.40	2.02	209	32	11	2.23	0.81
7/23/86	35.3	17.9	0.00	10.41	7.41	92	63	734	792	44.6	21.1	39.9	22.7	5.37	5.06	195	20	12	2.60	0.80
7/24/86	27.5	18.3	13.72	2.03	2.83	95	74	747	805	31.2	21.1	29.3	22.8	1.95	0.89	261	60	62	2.54	0.42
7/25/86	31.1	14.9	0.00	4.32	7.43	96	48	760	817	38.6	18.4	35.4	20.2	1.61	1.25	13	38	45	1.89	0.73
7/26/86	24.1	12.8	0.00	4.32	2.27	92	75	768	826	27.5	19.7	27.8	19.9	1.30	1.04	134	36	55	1.90	0.27
7/27/86	27.5	15.4	6.10	4.32	6.26	96	62	779	837	35.6	19.6	33.0	19.6	1.74	0.65	314	64	46	2.13	0.54
7/28/86	33.3	15.1	0.00	3.56	5.33	96	60	794	850	38.6	19.7	35.4	20.2	1.20	0.48	28	62	57	2.08	0.48
7/29/86	31.1	14.4	0.00	8.64	7.18	92	63	806	862	40.3	19.7	37.8	19.7	1.80	1.42	174	37	45	2.24	0.59
7/30/86	33.7	15.4	9.40	7.11	6.84	93	54	821	875	40.3	20.1	35.4	22.2	2.55	0.85	263	66	28	2.10	0.76
7/31/86	26.1	12.5	0.00	6.86	7.13	95	46	830	884	35.2	15.9	33.3	19.7	2.03	1.75	307	30	33	1.49	0.75
MONTHLY	MEAN 29.8	MEAN 14.7	TOTAL 147.08	TOTAL 184.17	MEAN 5.95	MN. 95	MN. 57	TOTL 380	TOT 352	MEAN 36.6	MEAN 18.3	MEAN 33.9	MEAN 20.0	MEAN 2.22	MEAN 1.58	MN. 193	MN. 44	MN 39	MEAN 2.09	MEAN 0.60

B E C K E R

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 5CM	MIN SOIL TEMP 5CM	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	27.4	10.6	0.00	6.86	6.97	95	43	839	893	35.6	15.7	33.3	18.4	2.52	1.98	302	38 30	1.46	0.87	
8/ 2/86	23.7	10.2	0.00	6.86	6.67	95	42	846	900	34.1	15.5	28.6	17.9	2.55	2.27	330	27 16	1.31	0.65	
8/ 3/86	26.2	10.2	0.00	6.86	6.85	95	43	854	908	35.6	15.5	31.2	17.6	2.26	1.61	265	44 5	1.44	0.77	
8/ 4/86	27.5	14.9	0.00	6.35	6.03	86	48	866	919	35.6	19.7	31.2	18.2	2.98	2.32	226	38 0	1.70	0.78	
8/ 5/86	31.1	14.1	0.00	7.62	6.91	94	53	878	931	44.4	19.7	39.0	18.7	2.01	1.35	205	46 14	1.92	0.62	
8/ 6/86	27.5	15.0	12.19	4.83	4.30	93	62	889	943	35.6	19.7	33.3	20.4	2.20	0.84	173	64 60	1.87	0.33	
8/ 7/86	24.1	14.9	6.60	5.08	5.32	94	63	899	952	31.2	18.0	27.5	18.2	1.62	0.86	292	56 48	1.80	0.39	
8/ 8/86	27.5	14.1	0.00	7.11	6.96	94	42	910	963	35.1	15.4	30.6	17.7	1.85	1.51	312	35 39	1.71	0.86	
8/ 9/86	29.6	14.3	19.30	7.11	5.81	93	58	922	975	35.4	19.6	31.2	18.2	2.53	1.71	256	46 36	1.88	0.56	
8/10/86	19.6	9.0	0.00	7.11	4.99	95	64	926	980	27.6	14.5	25.8	16.0	2.73	2.46	328	25 38	1.30	0.33	
8/11/86	24.1	7.5	0.00	5.08	6.44	97	39	932	987	30.6	10.4	27.3	14.1	1.57	0.98	290	50 41	1.16	0.66	
8/12/86	24.1	9.9	0.00	3.56	4.82	96	57	939	994	30.6	14.8	26.6	15.4	3.06	2.74	178	26 27	1.58	0.47	
8/13/86	22.9	14.1	0.76	1.02	1.44	94	78	947	1002	24.2	15.4	21.0	16.0	2.80	2.60	163	21 31	1.74	0.19	
8/14/86	26.9	15.2	0.25	5.33	5.38	93	63	958	1013	33.6	15.9	27.5	15.8	2.17	1.22	272	54 49	1.88	0.44	
8/15/86	29.9	12.1	0.00	7.37	6.89	92	58	969	1024	35.4	15.4	31.2	15.9	2.43	2.13	191	29 37	1.98	0.64	
8/16/86	31.2	18.0	2.79	7.37	5.94	93	57	984	1038	35.4	20.0	31.2	20.4	2.80	0.61	248	72 8	2.27	0.74	
8/17/86	26.7	14.1	0.00	7.37	6.51	94	40	994	1049	35.4	18.1	31.2	18.2	2.20	1.80	12	35 31	1.54	0.77	
8/18/86	26.1	10.2	0.00	5.08	5.45	95	47	1003	1057	31.2	15.5	27.7	17.8	1.38	0.66	158	58 27	1.50	0.63	
8/19/86	27.5	12.6	0.00	8.89	6.51	94	49	1013	1067	34.7	17.5	30.6	18.3	3.01	2.78	183	22 34	1.84	0.66	
8/20/86	22.9	9.8	23.88	3.30	2.28	93	57	1019	1073	24.2	14.6	24.0	15.0	2.88	0.91	223	67 45	1.72	0.34	
8/21/86	21.0	5.5	0.00	5.08	6.09	100	44	1022	1079	27.5	10.3	25.9	12.8	1.58	0.91	67	53 32	1.19	0.55	
8/22/86	23.6	10.7	12.45	2.29	1.77	94	79	1029	1086	23.9	14.5	21.0	15.4	3.87	1.55	219	63 40	1.63	0.22	
8/23/86	24.1	9.3	0.00	5.08	6.14	96	52	1036	1093	30.2	10.8	26.4	12.8	1.99	1.18	333	52 33	1.41	0.44	
8/24/86	17.9	10.1	5.59	2.54	1.54	96	79	1040	1097	19.9	14.1	18.2	14.4	2.38	2.17	171	24 64	1.49	0.14	
8/25/86	27.5	14.1	0.00	4.83	5.45	92	57	1051	1108	31.2	14.8	27.4	14.9	1.89	0.55	354	68 23	1.87	0.62	
8/26/86	19.9	7.2	0.76	4.83	3.97	93	62	1054	1113	26.6	12.6	21.7	14.6	2.94	2.48	4	32 23	1.38	0.34	
8/27/86	17.3	4.0	0.00	4.06	5.35	97	39	1055	1116	24.2	9.0	21.1	10.8	1.95	1.64	349	32 41	0.85	0.45	
8/28/86	20.9	4.3	0.00	5.08	5.87	97	43	1058	1122	27.6	8.1	23.9	11.5	1.51	0.63	223	62 37	1.00	0.52	
8/29/86	20.6	7.2	0.00	6.10	4.87	88	55	1062	1127	26.4	10.3	21.0	12.0	4.17	3.95	190	19 0	1.16	0.50	
8/30/86	24.1	10.2	0.00	6.10	5.10	94	68	1069	1134	27.7	14.1	24.1	14.5	2.91	2.69	164	22 2	1.69	0.46	
8/31/86	27.4	15.4	0.00	6.10	5.11	86	66	1080	1146	31.2	17.0	26.7	15.9	4.74	4.55	195	16 0	1.96	0.60	

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	24.9	11.3	84.57	172.25	5.28	94	55	250	262	31.0	15.0	27.3	16.1	2.50	1.79	222	42	29	1.59	0.53

9/ 1/86	27.5	15.4	0.00	6.10	5.80	93	53	1091	1157	34.1	19.6	27.6	19.6	3.00	2.71	210	25 8	1.90	0.70
9/ 2/86	26.4	14.1	8.13	8.13	4.21	94	52	1102	1167	30.1	17.9	26.9	19.6	3.17	2.53	188	36 53	1.71	0.55
9/ 3/86	24.1	14.2	16.51	7.11	3.57	94	61	1111	1177	27.4	15.4	25.8	15.9	3.14	2.55	221	35 72	1.80	0.33
9/ 4/86	20.9	10.2	0.00	4.32	5.87	93	45	1116	1182	27.6	14.1	24.1	14.7	3.04	2.63	291	30 20	1.26	0.55
9/ 5/86	17.3	7.0	0.00	4.83	5.46	94	57	1119	1186	24.2	10.3	21.1	12.5	2.79	2.44	326	M 10	1.02	0.39
9/ 6/86	16.3	5.2	0.00	4.83	5.25	94	46	1119	1189	24.2	10.3	20.9	12.6	3.05	2.70	334	27 8	0.86	0.43
9/ 7/86	18.1	4.3	0.00	4.83	5.82	97	37	1121	1193	26.2	7.8	21.0	10.1	2.29	1.83	292	36 25	0.84	0.55
9/ 8/86	20.9	5.5	0.00	4.83	5.90	93	32	1124	1198	27.5	8.0	23.4	10.2	2.55	2.08	245	35 10	0.89	0.70
9/ 9/86	15.6	7.7	36.83	M	0.49	100	81	1125	1201	16.8	12.9	15.5	12.1	1.79	1.47	146	34 61	1.26	0.11
9/10/86	14.3	10.2	1.02	M	0.66	99	87	1128	1203	16.8	12.8	15.4	12.6	2.25	2.02	42	26 81	1.32	0.07
9/11/86	14.1	5.3	0.25	1.27	0.80	99	86	1128	1206	16.4	9.0	14.3	9.9	2.15	1.80	4	32 60	1.17	0.10
9/12/86	19.5	2.9	1.02	2.54	2.98	100	68	1129	1210	20.3	6.9	15.4	9.0	1.61	0.86	258	55 80	1.20	0.17
9/13/86	14.3	5.0	0.00	2.54	5.12	94	48	1129	1212	22.6	7.7	18.2	9.0	2.18	1.70	26	38 13	0.86	0.31
9/14/86	8.9	5.2	21.59	M	0.39	100	83	1129	1212	12.8	9.0	12.8	9.0	2.08	1.84	63	28 81	0.91	0.07
9/15/86	16.8	3.4	14.73	2.29	3.94	100	61	1129	1216	20.1	7.8	15.6	7.8	2.52	2.19	57	29 39	1.00	0.21
9/16/86	14.1	2.8	27.43	M	2.46	99	71	1129	1218	16.8	6.5	14.2	7.5	2.31	1.86	147	36 69	1.00	0.15
9/17/86	16.8	9.0	21.59	0.51	1.33	99	90	1132	1221	17.4	9.6	14.9	7.9	2.48	1.82	184	42 68	1.43	0.08
9/18/86	16.8	11.5	6.60	1.52	2.06	98	75	1136	1225	18.2	11.5	15.4	10.2	2.04	1.52	35	41 69	1.32	0.17
9/19/86	16.8	11.5	8.38	1.27	0.52	99	93	1140	1229	16.8	11.7	14.8	10.2	1.92	1.25	119	48 99	1.50	0.05
9/20/86	16.8	9.5	0.00	1.27	1.28	100	89	1143	1233	18.1	11.6	15.4	10.3	2.03	1.71	63	32 48	1.44	0.10
9/21/86	22.0	14.1	23.11	1.52	1.33	98	78	1151	1241	21.1	14.1	18.1	12.8	1.63	0.95	119	52 69	1.78	0.17
9/22/86	19.8	10.9	0.00	2.03	2.17	99	76	1157	1246	22.6	11.7	17.9	12.7	1.45	0.89	316	50 56	1.54	0.22
9/23/86	23.2	9.0	0.00	3.30	4.32	98	43	1163	1253	24.2	9.5	20.9	10.2	1.89	1.40	254	41 52	1.35	0.47
9/24/86	23.1	8.9	3.56	3.05	3.02	99	61	1169	1259	23.3	11.5	20.2	10.2	2.34	1.98	151	32 61	1.52	0.33
9/25/86	26.3	10.3	7.62	6.86	4.79	97	30	1177	1268	26.7	12.8	21.6	14.5	3.40	2.95	190	30 43	1.47	0.84
9/26/86	27.5	9.3	0.00	4.57	3.97	98	38	1185	1276	27.4	11.9	21.6	12.4	2.14	1.21	191	53 48	1.58	0.65
9/27/86	25.9	7.8	0.00	4.57	4.66	100	19	1192	1284	27.0	12.1	23.1	12.6	1.66	1.23	249	41 27	1.12	0.89
9/28/86	17.8	5.9	0.51	1.27	1.24	94	64	1194	1288	18.1	11.5	15.4	10.5	1.57	1.17	61	41 38	1.29	0.23
9/29/86	18.1	6.5	0.00	2.29	3.25	94	67	1196	1292	22.6	9.5	18.1	10.2	1.67	1.34	289	36 68	1.22	0.23
9/30/86	22.2	4.3	0.00	2.03	4.02	95	30	1199	1298	22.7	7.6	18.0	7.7	1.27	0.87	322	46 68	0.95	0.50

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	19.4	8.2	198.88	M	3.22	97	61	119	153	22.3	11.1	18.9	11.5	2.25	1.78	180	M	50	1.28	0.34

B E C K E R

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 5CM	MIN SOIL TEMP 5CM	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	22.6	4.0	0.51	1.78	2.66	95	52	1203	1305	22.5	9.0	17.5	7.7	1.10	0.25	231	71	79	1.18	0.32
10/ 2/86	16.8	7.2	7.11	0.51	1.10	99	85	1205	1308	16.8	9.1	12.9	9.6	1.91	1.57	185	34	73	1.30	0.12
10/ 3/86	12.7	5.9	0.00	2.79	0.93	94	79	1205	1309	12.8	7.2	12.8	7.7	2.93	2.55	24	29	47	1.03	0.15
10/ 4/86	12.8	1.1	0.00	2.79	4.02	96	54	1205	1311	18.2	4.1	15.4	5.2	2.11	1.29	259	50	25	0.83	0.31
10/ 5/86	12.4	-0.1	0.00	2.79	4.08	90	44	1205	1312	17.9	6.2	15.0	5.3	3.30	2.90	331	28	15	0.73	0.38
10/ 6/86	16.8	-2.1	0.00	1.27	2.94	92	53	1205	1315	16.2	4.1	12.7	4.7	3.04	2.77	215	24	39	0.82	0.32
10/ 7/86	22.5	6.5	0.51	1.27	2.41	99	57	1209	1322	19.6	6.5	15.3	5.6	2.55	1.47	249	53	54	1.33	0.34
10/ 8/86	12.8	1.7	0.00	1.78	3.09	93	46	1209	1323	17.7	6.5	13.3	5.7	3.39	2.96	23	29	16	0.82	0.31
10/ 9/86	11.5	-4.3	0.00	M	4.11	93	34	1209	1324	16.8	1.6	12.8	2.9	1.31	0.45	68	66	39	0.49	0.32
10/10/86	11.5	-2.1	1.52	0.76	0.53	100	78	1209	1325	9.6	1.4	7.7	4.0	4.03	3.85	189	17	55	0.90	0.13
10/11/86	11.3	2.1	8.89	0.51	0.59	95	82	1209	1325	9.7	4.0	7.7	4.0	3.85	3.34	10	29	81	0.76	0.09
10/12/86	5.9	1.1	0.00	0.51	1.29	95	82	1209	1325	7.4	2.5	5.3	4.0	3.42	3.04	1	27	48	0.64	0.08
10/13/86	6.5	-3.3	0.00	1.78	2.58	93	57	1209	1325	9.6	0.0	7.3	0.4	1.71	1.41	301	34	6	0.49	0.18
10/14/86	12.8	-0.9	0.51	2.54	3.34	96	36	1209	1327	14.2	1.6	10.2	0.4	2.17	1.73	316	37	13	0.53	0.36
10/15/86	9.6	-3.7	0.00	1.52	2.73	93	63	1209	1327	12.4	1.1	8.2	0.4	2.12	1.80	270	32	13	0.63	0.19
10/16/86	16.8	1.6	0.00	2.29	3.68	91	53	1209	1330	17.6	4.0	12.7	2.7	1.78	1.00	34	54	20	0.84	0.34
10/17/86	11.9	-0.9	0.00	1.52	2.48	92	69	1209	1331	12.8	1.6	10.2	2.4	1.25	0.95	140	39	80	0.74	0.13
10/18/86	16.3	-0.9	0.00	1.52	3.45	95	58	1209	1334	16.5	1.6	10.5	0.4	1.99	1.81	183	24	67	0.78	0.23
10/19/86	18.1	0.4	0.00	1.27	3.06	96	65	1209	1338	16.8	1.7	11.4	2.5	1.49	1.33	181	27	67	1.00	0.26
10/20/86	22.7	4.0	0.00	M	3.29	95	53	1213	1344	21.8	4.7	16.7	5.0	0.89	0.57	329	49	69	1.16	0.37
10/21/86	22.9	4.0	0.00	M	3.08	95	53	1216	1351	20.4	6.4	16.7	5.2	2.07	1.68	229	35	51	1.18	0.50
10/22/86	18.2	8.9	0.00	M	2.07	93	65	1220	1355	17.7	8.9	15.0	7.7	1.57	1.18	224	40	27	1.27	0.32
10/23/86	12.8	4.0	0.00	M	1.13	99	84	1220	1356	12.8	7.0	12.3	7.4	1.63	1.37	49	22	50	1.02	0.11
10/24/86	7.7	4.3	2.03	M	0.30	95	86	1220	1356	11.0	6.8	9.7	5.6	1.87	1.74	59	21	77	0.89	0.07
10/25/86	11.5	6.5	0.00	M	0.90	95	84	1220	1357	12.5	7.0	10.2	5.5	1.26	1.08	44	30	54	0.99	0.11
10/26/86	12.8	4.0	0.00	M	1.38	90	69	1220	1359	14.5	6.2	12.2	5.3	1.03	0.43	283	62	39	0.93	0.18
10/27/86	21.9	-0.2	0.00	M	2.98	94	41	1220	1365	17.5	2.7	13.7	2.8	1.11	0.25	271	71	64	0.92	0.35
10/28/86	18.2	4.3	0.00	M	2.48	93	56	1222	1369	16.8	6.5	12.7	5.2	2.65	1.84	345	45	38	0.95	0.30
10/29/86	11.6	-0.9	0.00	M	2.86	91	51	1222	1369	14.4	1.8	10.2	2.8	1.87	1.48	349	37	27	0.65	0.23
10/30/86	12.6	-0.9	0.00	M	2.01	92	58	1222	1371	11.5	2.0	7.8	2.8	4.17	3.67	176	28	17	0.76	0.32
10/31/86	12.8	-2.5	0.00	M	0.64	88	63	1222	1372	11.4	1.6	4.5	0.8	4.80	2.29	270	59	19	0.76	0.27
MONTHLY	MEAN 14.4	MEAN 1.6	TOTAL 21.08	TOTAL M	MEAN 2.33	MN. 94	MN. 62	TOTL 22	TOT 74	MEAN 15.1	MEAN 4.4	MEAN 11.6	MEAN 4.2	MEAN 2.27	MEAN 1.74	MN. 188	MN. 39	MN 44	MEAN 0.88	MEAN 0.25

C L O U E T

DATE	MAX AIR	MIN AIR	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D.	ACCM D.D.	MAX SOIL	MIN SOIL	MAX SOIL	MIN SOIL	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES	VAP DEF
	TEMP	TEMP						BASE 4.44	BASE 10	TEMP 10CM	TEMP 10CM	TEMP 20CM	TEMP 20CM								
4/ 1/86 *	17.2	1.7	0.00		M	M	M	5	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 2/86 *	11.1	-6.1	0.00		M	M	M	5	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 3/86 *	6.1	0.0	1.27		M	M	M	5	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 4/86 *	8.9	-1.7	0.00		M	M	M	5	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 5/86 *	2.2	0.0	5.33		M	M	M	5	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 6/86 *	12.2	0.6	0.00		M	M	M	7	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 7/86 *	15.6	3.9	1.27		M	M	M	12	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 8/86 *	13.3	1.1	0.00		M	M	M	15	0	M	M	M	M	M	M	M	M	M	M	M	M
4/ 9/86 *	13.3	-2.2	0.00		M	M	M	16	0	M	M	M	M	M	M	M	M	M	M	M	M
4/10/86 *	18.3	-4.4	0.00		M	M	M	19	0	M	M	M	M	M	M	M	M	M	M	M	M
4/11/86 *	18.9	-3.9	0.00		M	M	M	22	0	M	M	M	M	M	M	M	M	M	M	M	M
4/12/86 *	18.3	-1.1	0.00		M	M	M	26	0	M	M	M	M	M	M	M	M	M	M	M	M
4/13/86 *	8.9	-1.1	0.00		M	M	M	26	0	M	M	M	M	M	M	M	M	M	M	M	M
4/14/86 *	6.1	1.7	8.64		M	M	M	26	0	M	M	M	M	M	M	M	M	M	M	M	M
4/15/86 *	13.3	1.1	2.54		M	M	M	29	0	M	M	M	M	M	M	M	M	M	M	M	M
4/16/86 *	10.0	-5.0	0.00		M	M	M	29	0	M	M	M	M	M	M	M	M	M	M	M	M
4/17/86 *	10.0	-1.7	0.00		M	M	M	29	0	M	M	M	M	M	M	M	M	M	M	M	M
4/18/86 *	12.8	0.0	7.37		M	M	M	31	0	M	M	M	M	M	M	M	M	M	M	M	M
4/19/86 *	14.4	3.3	6.35		M	M	M	35	0	M	M	M	M	M	M	M	M	M	M	M	M
4/20/86 *	11.1	1.1	0.00		M	M	M	37	0	M	M	M	M	M	M	M	M	M	M	M	M
4/21/86 *	7.8	-3.3	0.00		M	M	M	37	0	M	M	M	M	M	M	M	M	M	M	M	M
4/22/86 *	13.3	-8.3	0.00		M	M	M	37	0	M	M	M	M	M	M	M	M	M	M	M	M
4/23/86 *	22.2	4.4	0.00		M	M	M	46	3	M	M	M	M	M	M	M	M	M	M	M	M
4/24/86 *	22.2	7.2	16.00		M	M	M	56	8	M	M	M	M	M	M	M	M	M	M	M	M
4/25/86 *	10.6	0.6	2.29		M	M	M	57	8	M	M	M	M	M	M	M	M	M	M	M	M
4/26/86 *	17.8	3.3	4.83		M	M	M	63	9	M	M	M	M	M	M	M	M	M	M	M	M
4/27/86 *	13.3	5.6	16.00		M	M	M	68	9	M	M	M	M	M	M	M	M	M	M	M	M
4/28/86 *	12.2	5.6	54.61		M	M	M	73	9	M	M	M	M	M	M	M	M	M	M	M	M
4/29/86 *	21.1	1.7	1.02		M	M	M	80	10	M	M	M	M	M	M	M	M	M	M	M	M
4/30/86 *	21.1	6.7	2.03		M	M	M	89	14	M	M	M	M	M	M	M	M	M	M	M	M
MONTHLY	MEAN 13.5	MEAN 0.4	TOTAL 129.55	TOTAL M	MEAN M	MN. M	MN. M	TOTL 89	TOT 14	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M	
5/ 1/86 *	13.9	2.8	0.76		M	M	M	93	14	M	M	M	M	M	M	M	M	M	M	M	M
5/ 2/86 *	12.8	-1.7	0.00		M	M	M	94	14	M	M	M	M	M	M	M	M	M	M	M	M
5/ 3/86 *	18.9	-3.9	0.00		M	M	M	97	14	M	M	M	M	M	M	M	M	M	M	M	M
5/ 4/86 *	27.2	3.9	0.00		M	M	M	108	19	M	M	M	M	M	M	M	M	M	M	M	M
5/ 5/86 *	27.2	12.2	0.00		M	M	M	123	29	M	M	M	M	M	M	M	M	M	M	M	M
5/ 6/86 *	14.4	3.3	0.00		M	M	M	128	29	M	M	M	M	M	M	M	M	M	M	M	M
5/ 7/86 *	12.8	5.0	0.00		M	M	M	132	29	M	M	M	M	M	M	M	M	M	M	M	M
5/ 8/86 *	11.7	1.7	27.18		M	M	M	135	29	M	M	M	M	M	M	M	M	M	M	M	M
5/ 9/86 *	11.7	2.2	5.59		M	M	M	137	29	M	M	M	M	M	M	M	M	M	M	M	M
5/10/86 *	8.9	3.9	14.48		M	M	M	139	29	M	M	M	M	M	M	M	M	M	M	M	M
5/11/86 *	10.6	5.6	19.56		M	M	M	143	29	M	M	M	M	M	M	M	M	M	M	M	M
5/12/86 *	23.9	6.1	0.25		M	M	M	153	34	M	M	M	M	M	M	M	M	M	M	M	M
5/13/86 *	22.2	8.9	10.16		M	M	M	164	40	M	M	M	M	M	M	M	M	M	M	M	M
5/14/86 *	18.3	7.8	0.00		M	M	M	173	43	M	M	M	M	M	M	M	M	M	M	M	M
5/15/86 *	20.6	4.4	0.00		M	M	M	181	45	M	M	M	M	M	M	M	M	M	M	M	M
5/16/86 *	20.0	5.6	0.00		M	M	M	189	48	M	M	M	M	M	M	M	M	M	M	M	M
5/17/86 *	18.3	8.9	0.00		M	M	M	198	52	M	M	M	M	M	M	M	M	M	M	M	M
5/18/86 *	17.8	0.6	0.00		M	M	M	203	52	M	M	M	M	M	M	M	M	M	M	M	M
5/19/86 *	14.4	0.0	0.00		M	M	M	206	52	M	M	M	M	M	M	M	M	M	M	M	M
5/20/86 *	17.2	-2.8	0.00		M	M	M	209	52	M	M	M	M	M	M	M	M	M	M	M	M
5/21/86 *	19.4	-1.1	0.00		M	M	M	214	52	M	M	M	M	M	M	M	M	M	M	M	M
5/22/86 *	20.0	-0.6	0.00		M	M	M	219	52	M	M	M	M	M	M	M	M	M	M	M	M
5/23/86 *	21.1	3.3	0.00		M	M	M	227	54	M	M	M	M	M	M	M	M	M	M	M	M
5/24/86 *	22.2	8.9	0.00		M	M	M	238	59	M	M	M	M	M	M	M	M	M	M	M	M
5/25/86 *	22.2	8.9	0.25		M	M	M	249	65	M	M	M	M	M	M	M	M	M	M	M	M
5/26/86 *	25.6	5.6	0.00		M	M	M	260	71	M	M	M	M	M	M	M	M	M	M	M	M
5/27/86 *	28.9	6.1	0.00		M	M	M	273	78	M	M	M	M	M	M	M	M	M	M	M	M
5/28/86 *	30.6	7.8	0.00		M	M	M	288	87	M	M	M	M	M	M	M	M	M	M	M	M
5/29/86 *	32.2	10.0	0.00		M	M	M	304	98	M	M	M	M	M	M	M	M	M	M	M	M
5/30/86 *	33.3	14.4	0.00		M	M	M	324	112	M	M	M	M	M	M	M	M	M	M	M	M
5/31/86 *	32.8	6.7	0.00		M	M	M	339	122	M	M	M	M	M	M	M	M	M	M	M	M
MONTHLY	MEAN 20.4	MEAN 4.7	TOTAL 78.23	TOTAL M	MEAN M	MN. M	MN. M	TOTL 250	TOT 108	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M	

C L O U E T

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
6/ 1/86	17.2	1.4	0.00		M	4.08	94	50	344	122	22.6	18.3	M	M	1.36	1.09	69	36	43	0.87	0.29
6/ 2/86	21.3	-1.2	0.00		M	8.59	96	24	350	122	23.8	14.6	M	M	1.27	0.32	47	70	30	0.68	0.78
6/ 3/86	28.9	5.9	0.00		M	6.52	95	44	363	129	25.1	17.1	M	M	1.64	0.47	284	69	28	1.44	0.80
6/ 4/86	20.6	6.6	19.81		M	4.39	96	50	372	133	22.0	17.3	M	M	1.22	0.31	12	70	47	1.32	0.41
6/ 5/86	18.6	4.1	0.00		M	8.62	95	44	379	134	24.9	14.3	M	M	1.57	1.36	72	30	25	0.82	0.59
6/ 6/86	21.4	4.0	0.00		M	6.80	82	55	387	137	25.1	14.5	M	M	1.37	0.81	80	52	0	0.96	0.50
6/ 7/86	23.4	9.2	20.07		M	6.20	96	47	399	143	22.8	16.8	M	M	1.97	0.30	316	75	30	1.37	0.58
6/ 8/86	24.7	7.8	0.00		M	8.06	94	32	411	150	24.5	14.6	M	M	1.32	0.01	352	81	18	1.01	0.85
6/ 9/86	26.3	8.4	0.00		M	8.52	94	43	424	157	28.5	16.5	M	M	1.14	0.04	78	80	28	1.24	0.79
6/10/86	16.3	9.6	70.10		M	0.65	96	84	432	160	21.8	16.2	M	M	0.90	0.05	97	79	75	1.40	0.11
6/11/86	12.1	6.6	11.94		M	0.70	96	94	437	160	16.6	13.1	M	M	1.55	0.01	31	81	99	1.08	0.06
6/12/86	24.9	7.5	0.00		M	5.46	96	41	449	166	21.3	12.6	M	M	1.42	0.05	296	80	41	1.27	0.47
6/13/86	24.6	5.4	0.00		M	7.33	96	32	459	171	24.2	13.4	M	M	1.42	0.25	285	74	35	1.07	0.91
6/14/86	24.1	8.8	0.51		M	7.54	94	35	471	178	27.4	16.9	M	M	1.09	0.06	324	79	43	1.17	0.75
6/15/86	24.4	8.3	0.76		M	3.43	94	73	483	184	22.4	17.4	M	M	1.12	0.01	33	81	70	1.76	0.33
6/16/86	18.8	5.2	10.16		M	8.73	94	46	491	186	23.5	16.9	M	M	2.51	0.68	297	69	30	1.08	0.56
6/17/86	24.4	3.2	0.00		M	7.87	96	38	500	190	25.9	14.0	M	M	1.02	0.58	282	53	40	1.09	0.78
6/18/86	27.9	10.7	0.00		M	5.62	94	56	515	199	26.8	18.3	M	M	0.94	0.04	50	79	33	1.55	0.57
6/19/86	27.5	12.3	12.45		M	7.10	95	59	530	209	28.1	18.9	M	M	1.37	0.27	78	73	27	1.75	0.55
6/20/86	17.9	9.4	0.00		M	6.26	96	66	540	212	26.4	17.9	M	M	1.72	0.65	84	64	26	1.20	0.32
6/21/86	31.4	9.6	57.40		M	4.94	96	58	556	223	26.4	17.2	M	M	1.13	0.09	303	78	68	1.89	0.38
6/22/86	25.4	14.1	1.52		M	6.39	95	43	571	233	25.5	19.0	M	M	1.86	0.45	262	71	36	1.56	0.65
6/23/86	22.9	9.8	0.25		M	5.20	90	53	583	239	23.5	18.1	M	M	1.50	1.04	292	45	9	1.35	0.53
6/24/86	20.8	8.1	0.00		M	7.85	88	41	593	243	27.5	16.4	M	M	0.66	0.22	80	66	0	0.97	0.62
6/25/86	24.3	7.2	0.00		M	M	89	M	604	249	25.8	M	M	M	0.87	0.67	64	39	0	2.00	0.41
6/26/86	32.2	14.8	0.00		M	6.86	93	57	623	263	31.7	20.2	M	M	1.30	0.34	280	69	32	2.23	0.81
6/27/86	26.7	12.4	9.65		M	7.93	94	41	638	272	28.9	21.0	M	M	1.20	0.20	308	74	36	1.67	0.74
6/28/86	26.4	11.0	0.00		M	6.36	94	41	653	281	28.5	19.7	M	M	0.93	0.17	298	74	28	1.45	0.85
6/29/86	22.4	10.4	0.00		M	6.67	86	44	664	287	28.5	19.0	M	M	0.80	0.17	294	72	0	1.21	0.71
6/30/86	22.4	9.7	0.00		M	7.55	89	56	676	293	29.9	19.5	M	M	0.69	0.08	71	76	0	1.24	0.56

MONTHLY	MEAN 23.3	MEAN 8.0	TOTAL 214.62	TOTAL M	MEAN M	MN. 93	MN. M	TOTL 337	TOT 171	MEAN 25.3	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. 181	MN. 68	MN 33	MEAN 1.32	MEAN 0.58
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7/ 1/86	23.1	11.2	0.00		M	4.09	94	64	689	301	25.9	20.4	M	M	0.74	0.08	300	77	30	1.57	0.33
7/ 2/86	25.1	10.0	3.81		M	7.15	95	41	702	308	28.6	18.9	M	M	0.88	0.05	351	79	34	1.54	0.63
7/ 3/86	28.6	8.1	0.00		M	7.92	95	45	716	316	31.1	18.7	M	M	0.82	0.02	13	80	30	1.54	0.86
7/ 4/86	29.6	15.7	11.43		M	4.82	93	68	734	329	28.3	21.7	M	M	1.22	0.01	5	81	40	2.26	0.44
7/ 5/86	29.1	16.0	0.00		M	3.10	93	78	752	342	26.7	23.1	M	M	1.33	0.01	58	81	47	2.35	0.37
7/ 6/86	27.2	12.6	2.54		M	8.09	94	35	768	352	29.6	19.6	M	M	1.26	0.00	3	81	28	1.47	0.96
7/ 7/86	29.6	11.8	0.00		M	8.30	93	37	784	362	32.8	20.4	M	M	0.92	0.06	288	78	27	1.59	1.17
7/ 8/86	19.8	11.4	2.03		M	2.43	95	83	795	368	27.2	20.9	M	M	0.94	0.01	27	81	69	1.69	0.22
7/ 9/86	27.7	8.9	0.00		M	6.84	95	52	809	376	29.4	18.0	M	M	0.75	0.00	312	81	34	1.71	0.68
7/10/86	23.1	12.3	0.00		M	5.63	94	66	822	384	30.2	21.5	M	M	1.06	0.06	95	79	29	1.52	0.39
7/11/86	14.1	11.4	29.72		M	0.56	95	82	830	387	24.0	17.3	M	M	2.11	0.00	39	81	80	1.36	0.10
7/12/86	12.4	10.0	8.89		M	1.08	95	94	837	388	17.8	16.0	M	M	1.33	0.05	76	79	99	1.26	0.07
7/13/86	20.7	9.9	4.32		M	2.70	96	74	848	393	20.2	15.3	M	M	1.12	0.03	15	80	44	1.46	0.17
7/14/86	23.2	11.7	0.00		M	5.79	95	72	861	401	25.6	16.8	M	M	1.18	0.22	89	73	33	1.57	0.28
7/15/86	17.1	11.5	2.03		M	1.88	94	89	871	405	20.7	18.2	M	M	1.13	0.40	81	65	27	1.47	0.12
7/16/86	20.9	13.7	0.25		M	3.27	94	84	884	412	23.1	17.8	M	M	1.41	0.53	77	64	10	1.70	0.17
7/17/86	27.1	14.5	0.00		M	6.40	94	74	900	423	29.4	18.8	M	M	1.19	0.23	99	73	0	1.97	0.34
7/18/86	34.5	16.4	0.00		M	6.91	92	45	921	438	34.1	21.8	M	M	0.76	0.03	52	79	24	2.52	0.89
7/19/86	28.0	15.0	32.77		M	7.25	93	50	938	450	30.6	24.6	M	M	1.72	0.09	324	79	35	2.01	0.75
7/20/86	24.7	11.1	0.00		M	6.25	94	61	952	458	29.3	21.3	M	M	1.29	0.14	75	77	14	1.65	0.44
7/21/86	27.6	8.7	0.00		M	6.87	94	49	965	466	30.2	19.7	M	M	1.04	0.17	284	74	36	1.62	0.66
7/22/86	30.9	14.4	0.00		M	7.84	93	40	984	479	32.9	21.0	M	M	1.12	0.16	262	75	31	1.85	1.05
7/23/86	30.1	17.6	0.00		M	6.60	92	54	1003	493	32.8	23.8	M	M	1.50	0.16	77	77	23	2.29	0.84
7/24/86	29.0	18.5	9.91		M	4.36	92	60	1022	506	29.5	25.3	M	M	1.31	0.27	279	72	24	2.41	0.55
7/25/86	27.2	12.6	0.00		M	7.78	93	40	1038	516	31.6	21.6	M	M	1.26	0.25	323	73	0	1.60	0.82
7/26/86	23.8	9.9	0.00		M	5.06	94	63	1050	523	28.3	21.2	M	M	0.90	0.20	82	72	37	1.65	0.44
7/27/86	23.7	14.3	14.73		M	3.87	94	77	1065	532	26.4	21.3	M	M	1.16	0.24	72	72	38	1.83	0.26
7/28/86	27.4	14.5	0.00		M	6.06	93	58	1081	543	29.5	20.9	M	M	0.87	0.09	53	77	0	1.83	0.51
7/29/86	30.5	11.8	0.00		M	7.08	94	43	1098	554	31.8	20.8	M	M	0.76	0.02	279	80	35	1.90	0.82
7/30/86	29.0	15.0	0.00		M	4.33	92	53	1116	566	29.8	23.2	M	M	0.93	0.07	313	78	40	1.99	0.59
7/31/86	23.8	10.4	0.00		M	6.64	93	51	1128	573	29.4	21.2	M	M	1.63	0.57	298	65	0	1.43	0.65

MONTHLY	MEAN 25.4	MEAN 12.6	TOTAL 122.43	TOTAL M	MEAN 5.39	MN. 94	MN. 61	TOTL 452	TOT 280	MEAN 28.3	MEAN 20.4	MEAN M	MEAN M	MEAN M	MEAN M	MN. 152	MN. 76	MN 33	MEAN 1.76	MEAN 0.53
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C L O U Q U E T

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	24.0	9.6	1.78		M 5.93	94	48	1141	580	27.6	20.6		M	M 1.57	0.37	293	71	39	1.45	0.46
8/ 2/86	21.2	9.1	0.00		M 5.42	94	55	1151	585	24.7	18.8		M	M 1.60	0.43	301	69	34	1.34	0.42
8/ 3/86	25.2	11.2	2.79		M 6.15	94	48	1165	593	27.6	18.2		M	M 1.49	0.51	291	66	13	1.52	0.59
8/ 4/86	26.9	12.2	0.00		M 5.10	93	59	1180	603	28.3	19.8		M	M 0.99	0.08	253	78	45	1.75	0.54
8/ 5/86	26.6	10.2	0.00		M 4.78	94	68	1194	611	27.5	19.8		M	M 0.87	0.22	84	70	61	1.70	0.36
8/ 6/86	17.3	13.9	5.08		M 1.87	94	89	1205	617	23.5	20.4		M	M 1.34	0.54	81	63	51	1.57	0.12
8/ 7/86	22.9	14.0	41.91		M 3.15	95	73	1219	625	23.2	18.3		M	M 0.96	0.12	142	76	85	1.76	0.23
8/ 8/86	27.1	13.0	0.51		M 6.05	92	47	1235	635	26.8	18.8		M	M 1.47	0.25	291	74	29	1.71	0.58
8/ 9/86	29.8	10.8	12.70		M 5.44	93	52	1251	646	28.9	18.9		M	M 0.95	0.22	290	71	61	1.71	0.51
8/10/86	19.3	8.2	6.35		M 6.13	93	47	1260	649	24.2	18.7		M	M 2.02	0.74	300	64	32	1.18	0.42
8/11/86	22.0	7.0	0.00		M 5.68	94	47	1270	654	24.1	16.0		M	M 1.30	0.29	310	71	0	1.17	0.51
8/12/86	24.1	6.4	0.00		M 5.68	94	52	1281	659	25.6	16.3		M	M 0.95	0.16	66	74	5	1.40	0.56
8/13/86	18.9	14.1	8.13		M 1.30	92	85	1293	666	22.1	19.4		M	M 0.95	0.34	67	65	51	1.71	0.19
8/14/86	22.5	14.6	22.61		M 2.32	93	77	1307	674	22.2	18.6		M	M 0.87	0.17	67	73	84	1.81	0.21
8/15/86	28.7	11.9	12.70		M 6.22	93	58	1323	684	27.2	18.0		M	M 0.77	0.04	156	79	34	1.98	0.52
8/16/86	29.0	15.4	0.51		M 5.57	90	38	1341	697	28.9	20.8		M	M 1.23	0.39	296	67	18	1.99	0.70
8/17/86	24.4	9.9	0.00		M 6.95	92	40	1353	704	29.3	20.4		M	M 1.21	0.63	293	56	3	1.37	0.70
8/18/86	25.1	7.2	0.00		M 6.56	93	49	1365	710	28.8	18.9		M	M 0.82	0.29	76	65	8	1.35	0.60
8/19/86	27.5	9.9	0.00		M 6.07	93	55	1379	719	29.3	19.9		M	M 0.95	0.47	75	57	29	1.71	0.53
8/20/86	22.4	10.9	27.94		M 3.27	92	49	1391	725	24.6	19.5		M	M 1.65	0.31	318	73	52	1.58	0.39
8/21/86	20.6	6.3	0.00		M 6.54	93	44	1400	729	24.9	15.8		M	M 1.00	0.45	82	60	0	1.08	0.55
8/22/86	14.4	10.8	23.62		M 0.40	93	78	1409	731	20.4	16.7		M	M 1.40	0.61	62	61	67	1.29	0.14
8/23/86	22.8	8.4	0.00		M 5.74	93	54	1420	737	22.9	15.3		M	M 1.64	0.48	298	68	24	1.33	0.40
8/24/86	18.4	6.8	0.00		M 2.13	94	75	1428	739	18.9	15.5		M	M 0.83	0.25	60	68	8	1.36	0.23
8/25/86	27.3	15.2	0.76		M 5.83	92	39	1445	751	26.3	17.3		M	M 1.48	0.60	297	62	16	1.64	0.75
8/26/86	16.7	4.1	0.76		M 4.51	92	59	1451	751	23.2	18.1		M	M 1.67	0.55	306	66	18	1.17	0.33
8/27/86	14.6	0.7	0.00		M 4.03	94	47	1454	751	19.2	13.5		M	M 1.20	0.64	301	55	0	0.77	0.32
8/28/86	19.3	0.5	0.00		M 6.17	95	36	1459	751	21.9	11.6		M	M 0.98	0.37	288	64	0	0.80	0.50
8/29/86	21.5	3.5	0.00		M 5.79	94	47	1467	754	22.6	13.5		M	M 1.08	0.08	330	78	1	1.07	0.49
8/30/86	23.3	7.7	0.00		M 5.37	93	64	1478	759	25.3	16.4		M	M 1.07	0.70	75	47	4	1.50	0.41
8/31/86	25.7	15.4	18.03		M 2.99	92	68	1495	770	24.6	19.3		M	M 1.18	0.26	68	72	29	1.85	0.40
MONTHLY	MEAN 22.9	MEAN 9.6	TOTAL 186.18	TOTAL M	MEAN 4.81	MN. 93	MN. 56	TOTL 366	TOT 196	MEAN 25.0	MEAN 17.8	MEAN M	MEAN M	MEAN 1.21	MEAN 0.37	MN. 200	MN. 67	MN. 29	MEAN 1.47	MEAN 0.44
9/ 1/86	25.6	11.7	28.19		M 2.60	93	73	1509	778	24.0	19.6		M	M 1.30	0.63	76	58	64	1.77	0.22
9/ 2/86	16.5	11.3	0.00		M 1.86	94	87	1518	782	20.0	17.6		M	M 1.60	0.71	77	60	45	1.36	0.12
9/ 3/86	23.1	12.4	18.29		M 2.44	94	78	1531	790	21.5	16.9		M	M 1.04	0.24	274	71	84	1.69	0.20
9/ 4/86	19.3	9.1	2.54		M 4.89	92	53	1541	794	21.6	16.6		M	M 1.90	0.63	285	66	33	1.25	0.41
9/ 5/86	16.4	5.2	3.81		M 5.15	92	41	1548	795	20.6	14.3		M	M 2.08	1.01	302	58	10	0.90	0.38
9/ 6/86	15.0	1.8	0.00		M 5.42	91	43	1552	795	19.9	13.0		M	M 1.73	1.21	295	45	0	0.75	0.37
9/ 7/86	19.0	-0.6	0.00		M 4.83	94	41	1556	795	19.2	10.8		M	M 1.27	0.73	275	53	0	0.82	0.45
9/ 8/86	21.3	5.5	0.00		M 5.77	92	32	1565	798	21.3	12.0		M	M 1.48	0.87	259	52	0	0.88	0.67
9/ 9/86	15.4	3.4	15.49		M 1.66	93	72	1570	798	16.7	13.1		M	M 0.95	0.58	74	51	37	1.08	0.17
9/10/86	11.7	10.5	3.05		M 0.52	94	90	1577	799	14.7	13.8		M	M 1.79	1.14	70	49	99	1.22	0.11
9/11/86	13.3	4.3	4.57		M 1.01	93	80	1581	799	14.8	12.2		M	M 1.25	0.42	55	66	53	1.11	0.14
9/12/86	16.9	3.0	8.13		M 2.30	94	66	1587	799	14.7	9.8		M	M 1.35	0.76	272	53	15	1.05	0.17
9/13/86	13.8	2.8	0.00		M 5.50	92	46	1590	799	17.7	9.9		M	M 1.24	0.72	297	53	0	0.77	0.31
9/14/86	10.9	5.8	0.00		M 1.42	92	66	1594	799	14.1	11.9		M	M 0.88	0.45	75	57	5	0.89	0.18
9/15/86	14.5	0.0	0.00		M 5.28	93	45	1597	799	18.7	11.0		M	M 1.08	0.44	72	62	12	0.77	0.36
9/16/86	15.2	-1.0	0.00		M 4.00	94	48	1600	799	16.6	9.3		M	M 1.28	0.81	75	49	15	0.81	0.28
9/17/86	12.7	7.8	42.16		M 0.69	93	90	1606	800	13.5	11.6		M	M 1.09	0.24	36	72	88	1.15	0.10
9/18/86	16.6	10.1	0.25		M 2.58	92	66	1615	803	16.8	12.7		M	M 1.14	0.42	308	64	35	1.22	0.26
9/19/86	10.9	8.1	15.24		M 0.50	92	89	1620	803	14.5	12.1		M	M 1.95	0.85	79	61	53	1.09	0.11
9/20/86	11.7	8.6	2.03		M 0.80	94	90	1625	803	13.8	11.8		M	M 1.06	0.49	79	59	99	1.14	0.10
9/21/86	14.2	10.4	6.86		M 0.75	94	90	1633	805	14.9	12.6		M	M 1.26	0.33	88	70	99	1.34	0.12
9/22/86	19.8	8.4	9.65		M 2.72	93	68	1643	810	18.2	13.4		M	M 0.95	0.54	273	53	45	1.34	0.25
9/23/86	22.5	7.5	0.00		M 4.68	90	40	1653	814	19.3	12.0		M	M 1.42	0.93	254	48	0	1.13	0.60
9/24/86	25.4	5.0	0.00		M 4.58	92	38	1664	820	20.9	12.0		M	M 0.93	0.45	70	58	6	1.27	0.55
9/25/86	19.8	11.6	17.02		M 2.47	92	79	1675	825	19.3	15.1		M	M 1.68	1.33	82	37	49	1.43	0.18
9/26/86	13.0	10.8	0.00		M 0.69	94	91	1683	827	16.4	14.5		M	M 2.07	1.47	82	44	35	1.28	0.11
9/27/86	24.5	7.2	0.25		M 3.76	94	36	1694	833	20.2	13.8		M	M 1.02	0.03	347	80	48	1.21	0.43
9/28/86	12.7	4.5	0.51		M 0.81	92	87	1698	833	15.6	12.3		M	M 0.99	0.26	56	70	64	1.09	0.13
9/29/86	15.3	7.4	0.51		M 1.00	92	81	1705	834	15.2	12.5		M	M 0.85	0.22	245	70	61	1.19	0.16
9/30/86	20.0	3.0	0.00		M 3.40	93	37	1712	836	16.2	9.8		M	M 0.92	0.59	278	48	42	0.89	0.44
MONTHLY	MEAN 16.9	MEAN 6.5	TOTAL 178.55	TOTAL M	MEAN 2.80	MN. 93	MN. 65	TOTL 218	TOT 66	MEAN 17.7	MEAN 12.9	MEAN M	MEAN M	MEAN 1.32	MEAN 0.65	MN. 170	MN. 58	MN. 40	MEAN 1.13	MEAN 0.27

C L O U Q U E T

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
10/ 1/86	16.9	0.8	0.00		M	2.56	92	55	1717	836	15.2	9.4	M	M	0.73	0.27	76	65	16	0.89	0.30
10/ 2/86	19.5	6.9	0.00		M	2.86	92	53	1726	839	16.8	11.2	M	M	1.00	0.16	38	74	12	1.15	0.34
10/ 3/86	12.1	5.4	0.25		M	1.47	91	65	1730	839	14.6	11.8	M	M	1.51	0.51	332	66	25	0.88	0.20
10/ 4/86	11.7	3.8	0.25		M	2.32	92	57	1733	839	13.9	10.3	M	M	0.98	0.16	284	74	41	0.80	0.26
10/ 5/86	9.8	-2.5	0.00		M	3.33	91	46	1733	839	13.6	9.1	M	M	2.40	2.04	287	32	12	0.63	0.29
10/ 6/86	11.4	-3.4	0.00		M	1.53	94	64	1733	839	10.2	6.3	M	M	1.00	0.28	283	69	0	0.68	0.20
10/ 7/86	22.3	5.0	0.00		M	2.79	93	53	1742	843	14.7	7.4	M	M	1.34	0.59	276	60	25	1.16	0.36
10/ 8/86	10.5	-0.9	0.51		M	2.55	87	55	1743	843	13.2	9.3	M	M	1.51	0.64	311	61	0	0.68	0.26
10/ 9/86	8.8	-5.2	0.00		M	3.68	92	39	1743	843	11.4	5.5	M	M	0.75	0.08	270	77	0	0.44	0.23
10/10/86	9.4	-2.5	0.00		M	1.00	92	68	1743	843	8.3	5.3	M	M	1.31	0.18	44	75	30	0.73	0.15
10/11/86	8.1	2.6	6.10		M	0.70	92	83	1744	843	8.4	7.2	M	M	1.42	0.71	305	57	32	0.75	0.09
10/12/86	2.6	-0.7	5.33		M	0.49	94	92	1744	843	7.2	4.7	M	M	1.79	1.16	300	48	13	0.59	0.05
10/13/86	2.6	-0.8	0.76		M	1.04	94	82	1744	843	6.4	4.1	M	M	1.05	0.70	279	46	58	0.57	0.06
10/14/86	8.7	0.0	3.05		M	1.92	94	47	1744	843	7.6	3.8	M	M	1.67	1.20	292	43	19	0.57	0.21
10/15/86	6.8	-2.0	0.00		M	1.85	92	68	1744	843	7.8	4.2	M	M	1.35	0.93	260	45	0	0.61	0.16
10/16/86	8.0	-1.1	0.00		M	1.03	93	77	1744	843	7.2	4.5	M	M	1.13	0.67	78	52	0	0.67	0.14
10/17/86	5.8	-0.5	0.00		M		92	79	1744	843	5.9	5.9	M	M	0.76	0.49	80	48	72	0.68	0.14
10/18/86	14.1	-2.8	0.00		M	2.76	94	59	1745	843	5.9	5.9	M	M	0.83	0.16	103	73	49	0.70	0.20
10/19/86	18.8	1.4	0.00		M	2.85	93	55	1751	843	5.9	5.9	M	M	0.86	0.03	289	80	8	0.93	0.31
10/20/86	20.1	2.4	0.00		M	2.59	93	45	1757	844	5.9	5.9	M	M	0.88	0.42	281	59	18	1.01	0.35
10/21/86	21.7	0.0	0.00		M	2.65	92		1764	845	11.6		M	M	0.77	0.11	246	75		1.08	0.68
10/22/86	19.7	8.6	0.00		M	2.41	91	60	1774	849	12.9	8.0	M	M	1.16	0.58	259	57		1.22	0.34
10/23/86	11.6	4.7	5.33		M	0.64	91	87	1777	849	11.3	9.0	M	M	1.78	1.21	71	46		0.89	0.11
10/24/86	5.8	3.5	0.00		M	0.50	92	88	1777	849	9.0	7.9	M	M	0.99	0.56	78	53		0.77	0.08
10/25/86	7.3	4.8	0.00		M	0.43	93	90	1779	849	9.0	7.7	M	M	0.49	0.11	87	71		0.84	0.08
10/26/86	10.6	1.8	0.00		M	1.57	93	73	1781	849	10.8	7.6	M	M	0.65	0.06	91	78		0.80	0.13
10/27/86	16.6	0.0	0.00		M	2.27	93	47	1785	849	10.2	5.5	M	M	0.81	0.28	265	66		0.76	0.25
10/28/86	14.0	1.5	0.51		M	0.77	92	73	1788	849	8.7	5.7	M	M	1.61	0.71	295	60		0.87	0.15
10/29/86	8.7	-1.7	0.00		M	2.20	92	54	1788	849	8.0	4.5	M	M	1.49	1.18	289	37		0.56	0.21
10/30/86	10.5	-3.3	0.00		M	1.27	86	65	1788	849	6.6	3.8	M	M	1.40	0.94	76	46		0.59	0.19
10/31/86	11.3	-1.5	0.51		M	0.86	90	64	1788	849	8.3	5.7	M	M	2.47	1.39	286	53		0.74	0.26
MONTHLY	MEAN 11.8	MEAN 0.8	TOTAL 22.60	TOTAL M	MEAN M	MN. 92	MN. M	TOTL 76	TOT 13	MEAN 9.9	MEAN M	MEAN M	MEAN M	MEAN 1.22	MEAN 0.60	MN. 210	MN. 60	MN M	MEAN 0.78	MEAN 0.22	

C R O O K S T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 7.22	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
4/ 1/86	12.4	0.8	0.00		M	5.56	84	41	2	0	7.6	1.7	5.8	2.9	2.52	1.57	305	50	M	0.57	0.37
4/ 2/86	9.5	0.3	1.78		M	1.30	86	49	3	0	4.3	2.3	5.0	3.3	3.19	2.78	106	29	M	0.59	0.37
4/ 3/86	10.6	0.3	0.00		M	2.87	86	63	4	0	6.5	2.6	5.4	3.4	1.84	1.53	53	33	M	0.70	0.20
4/ 4/86	13.3	-0.4	3.81		M	4.03	86	52	6	0	6.2	1.5	5.1	2.8	3.18	2.53	85	37	M	0.67	0.27
4/ 5/86	7.4	3.5	0.00		M	0.81	86	82	7	0	4.9	3.5	4.7	3.9	1.45	0.85	36	52	M	0.76	0.14
4/ 6/86	18.6	6.2	0.00		M	4.64	83	43	15	5	9.0	3.4	7.1	3.9	2.93	2.40	221	34	M	1.00	0.34
4/ 7/86	14.5	4.6	0.00		M	4.67	85	42	20	8	8.1	4.3	6.9	4.9	4.45	4.05	317	24	M	0.75	0.38
4/ 8/86	11.5	0.4	0.00		M	5.97	86	41	21	8	7.8	3.0	6.5	4.2	4.35	3.89	345	26	M	0.60	0.33
4/ 9/86	15.9	-1.5	0.00		M	5.91	87	36	24	8	10.3	2.1	7.8	3.6	0.76	0.34	349	60	M	0.61	0.48
4/10/86	19.6	1.8	0.00		M	5.90	84	25	30	11	11.3	3.8	8.8	4.8	2.12	1.89	185	26	M	0.70	0.70
4/11/86	19.6	-4.4	0.51		M	3.73	86	33	34	11	10.1	4.8	8.4	5.8	3.25	0.13	319	79	M	0.72	0.55
4/12/86	-2.1	-7.8	0.00		M	2.40	87	75	34	11	6.3	1.5	7.4	3.0	5.82	5.33	347	23	M	0.34	0.08
4/13/86	2.0	-5.1	5.33		M	1.81	87	77	34	11	2.9	0.9	3.1	2.2	3.02	2.68	11	27	M	0.47	0.09
4/14/86	3.3	-1.8	29.46		M	0.69	87	83	34	11	2.0	0.6	2.9	1.9	5.04	4.52	359	26	M	0.56	0.10
4/15/86	8.4	-2.8	0.00		M	5.64	86	73	34	11	1.2	0.6	1.9	1.6	4.42	4.13	346	21	M	0.58	0.13
4/16/86	13.8	-0.4	0.00		M	6.18	86	48	36	11	8.4	0.4	6.0	1.4	1.78	0.71	173	63	M	0.78	0.30
4/17/86	13.1	4.6	1.02		M	2.78	77	58	40	13	6.7	3.5	5.8	4.1	4.39	4.19	145	17	M	0.83	0.37
4/18/86	11.1	6.2	13.72		M	0.49	85	77	44	14	6.0	5.1	5.8	5.2	2.96	2.39	120	36	M	0.92	0.19
4/19/86	13.4	3.7	8.13		M	5.37	83	48	48	16	8.1	4.7	7.0	5.1	5.55	4.93	308	27	M	0.79	0.29
4/20/86	4.3	-1.6	0.51		M	1.89	86	81	48	16	5.5	2.2	6.2	3.7	4.42	3.98	343	25	M	0.57	0.11
4/21/86	7.3	-4.0	0.00		M	6.67	86	43	48	16	8.7	1.1	6.4	2.5	1.38	0.95	10	45	M	0.44	0.25
4/22/86	14.5	0.1	0.00		M	5.36	82	48	51	16	7.8	2.4	6.4	3.6	7.30	6.96	177	18	M	0.71	0.41
4/23/86	23.9	9.8	0.00		M	4.46	76	52	64	26	11.7	6.1	9.2	6.0	7.25	3.56	178	58	M	1.14	0.65
4/24/86	14.0	5.2	0.00		M	5.06	82	40	69	28	11.9	6.9	9.5	7.2	3.13	2.78	0	27	M	0.72	0.43
4/25/86	8.3	3.0	28.45		M	0.64	86	63	70	28	8.6	4.5	8.7	5.8	2.92	2.28	40	38	M	0.69	0.23
4/26/86	6.5	3.8	8.89		M	1.81	84	81	71	28	6.2	3.7	6.2	5.1	3.51	3.11	335	27	M	0.74	0.16
4/27/86	7.5	5.1	13.72		M	0.88	83	81	73	28	5.3	4.7	6.0	5.3	4.92	4.55	347	22	M	0.78	0.18
4/28/86	7.1	2.7	0.00		M	2.06	83	80	73	28	5.8	0.9	6.0	4.9	4.22	3.94	331	21	M	0.71	0.16
4/29/86	20.1	3.4	2.54		M	6.21	82	30	80	32	9.9	M	9.9	4.6	1.68	1.05	231	50	M	0.89	0.64
4/30/86	13.8	2.4	9.40		M	2.86	85	58	84	33	6.8	M	9.5	8.3	4.47	3.57	317	36	M	0.94	0.27

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MM.	MM.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MM.	MM.	MM	MEAN	MEAN
	11.4	1.3	127.27	M	3.62	84	57	84	33	7.2	M	6.5	4.2	3.61	2.92	215	35	M	0.71	0.31

5/ 1/86	2.4	-1.1	0.25		M	1.93	86	77	84	33	M	M	8.5	5.6	5.63	5.38	336	17	M	0.52	0.11
5/ 2/86	12.0	-0.9	0.00		M	7.02	86	48	85	33	M	M	9.3	4.2	0.71	0.35	343	58	M	0.61	0.31
5/ 3/86	19.4	2.5	0.00		M	6.21	85	52	92	37	M	M	9.6	6.0	5.57	5.11	161	23	M	0.95	0.54
5/ 4/86	29.3	11.5	0.00		M	6.81	82	51	108	50	M	M	13.1	8.6	5.71	5.18	176	25	M	1.61	0.80
5/ 5/86	26.0	5.3	3.81		M	5.61	84	38	119	59	M	M	13.5	11.6	7.90	5.76	182	42	M	1.35	0.71
5/ 6/86	7.5	4.3	1.27		M	1.75	85	81	120	59	M	M	11.6	8.3	6.19	4.15	280	46	M	0.77	0.16
5/ 7/86	11.8	2.7	1.78		M	3.05	84	69	123	59	M	M	9.1	7.1	1.26	1.01	28	36	M	0.80	0.26
5/ 8/86	8.4	5.9	4.06		M	0.87	84	75	126	59	M	M	8.8	7.7	2.81	2.30	73	34	M	0.84	0.18
5/ 9/86	21.8	6.9	7.11		M	5.23	84	68	136	66	M	M	11.3	7.4	6.10	5.04	137	34	M	1.33	0.40
5/10/86	19.1	12.2	0.00		M	4.54	82	52	147	74	M	M	12.8	10.4	1.15	0.61	155	56	M	1.30	0.52
5/11/86	23.2	14.2	19.56		M	4.80	83	64	161	86	M	M	13.8	11.5	4.23	3.48	160	34	M	1.54	0.53
5/12/86	18.4	11.1	0.00		M	5.72	82	46	172	93	M	M	13.8	12.4	3.32	1.91	258	53	M	1.20	0.54
5/13/86	21.8	8.6	0.00		M	6.27	82	26	182	101	M	M	14.1	11.1	0.77	0.50	204	48	M	0.92	0.92
5/14/86	23.8	7.3	0.00		M	5.04	78	38	194	110	M	M	13.2	11.4	4.42	2.83	153	49	M	0.95	0.91
5/15/86	21.6	11.0	0.51		M	4.40	73	24	205	119	17.6	12.9	13.4	10.8	M	M	355	74	M	0.81	1.18
5/16/86	15.9	5.4	0.00		M	5.47	89	43	212	122	14.4	10.0	13.0	11.0	M	M	308	28	M	0.76	0.55
5/17/86	15.0	2.8	0.00		M	6.25	83	43	216	124	15.9	7.9	12.4	9.8	M	M	353	46	M	0.71	0.46
5/18/86	18.3	1.2	0.00		M	7.30	95	41	221	126	18.6	7.9	13.6	9.8	M	M	79	48	M	0.75	0.60
5/19/86	21.6	4.3	0.00		M	7.15	85	33	230	132	18.9	9.9	14.1	11.0	M	M	150	39	M	0.81	0.88
5/20/86	22.4	7.8	0.00		M	7.54	60	22	241	140	19.7	11.0	14.8	11.8	M	M	158	22	M	0.63	1.20
5/21/86	23.5	8.8	0.00		M	7.55	57	22	252	149	20.5	11.4	15.3	12.2	M	M	142	24	M	0.63	1.31
5/22/86	24.1	7.9	0.00		M	7.55	60	19	264	158	20.5	11.8	15.6	12.6	M	M	134	24	M	0.66	1.39
5/23/86	18.2	9.5	5.08		M	2.17	95	51	273	164	16.1	13.1	15.2	13.2	M	M	145	49	M	1.12	0.42
5/24/86	20.5	11.2	1.27		M	4.82	98	59	285	173	17.9	12.0	14.3	12.2	M	M	107	71	M	1.36	0.33
5/25/86	21.8	10.6	5.84		M	4.50	97	55	296	182	18.0	12.5	14.6	12.6	M	M	11	62	M	1.48	0.37
5/26/86	29.1	11.5	0.00		M	7.32	97	37	312	195	23.5	11.8	17.2	12.6	M	M	47	47	M	1.56	1.01
5/27/86	31.3	12.6	0.00		M	7.36	95	24	330	210	25.7	14.6	18.9	14.7	M	M	91	60	M	1.45	1.49
5/28/86	32.9	14.0	0.00		M	7.29	89	25	349	226	26.8	16.3	20.1	16.2	M	M	144	52	M	1.43	1.85
5/29/86	33.4	14.3	0.00		M	7.34	82	24	368	243	28.0	17.7	21.1	17.4	M	M	231	48	M	1.44	1.97
5/30/86	34.7	19.3	0.00		M	7.12	65	29	391	262	28.3	19.4	21.6	18.5	M	M	284	39	M	1.61	2.16
5/31/86	35.9	14.9	0.00		M	6.90	87	26	412	281	27.2	19.2	21.4	18.8	M	M	287	56	M	1.60	1.82

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MM.	MM.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MM.	MM.	MM	MEAN	MEAN
	21.5	8.3	50.54	M	5.58	83	44	328	247	M	M	14.2	11.2	M	M	183	43	M	1.08	0.83

C R O O K S T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 7.22	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86	20.3	10.2	0.00		M 6.89	87	46	423	289	25.3	18.1	20.8	18.2	M	M	35	46	0	1.14	0.62
6/ 2/86	27.9	21.1	5.84		M 1.53	47	38	443	306	22.9	20.1	19.2	18.1	M	M	198	16	0	1.30	1.84
6/ 3/86	26.4	15.1	0.00		M 4.42	87	47	459	320	22.7	17.2	18.9	17.2	M	M	13	78	22	1.69	0.75
6/ 4/86	21.0	8.4	0.00		M 7.73	79	41	469	327	23.8	15.7	19.2	16.5	M	M	36	31	0	1.02	0.86
6/ 5/86	25.2	4.9	0.00		M 7.33	89	30	480	335	24.3	14.5	19.4	16.1	M	M	133	49	19	0.95	1.15
6/ 6/86	25.6	14.7	14.73		M 3.95	95	52	496	348	22.0	17.6	18.9	17.4	M	M	177	26	25	1.61	0.77
6/ 7/86	21.9	13.0	0.00		M 7.37	96	42	509	358	22.0	16.8	18.8	17.1	M	M	338	28	25	1.47	0.57
6/ 8/86	23.8	6.7	0.00		M 7.55	96	38	519	366	24.1	13.9	19.2	15.7	M	M	55	57	11	1.11	0.81
6/ 9/86	28.6	15.6	0.00		M 6.18	69	36	537	381	23.8	17.0	19.7	17.2	M	M	173	20	0	1.40	1.34
6/10/86	21.8	16.1	0.00		M 2.99	91	66	552	393	21.0	18.8	19.4	18.2	M	M	3	46	0	1.77	0.46
6/11/86	20.8	13.1	0.00		M 3.27	92	65	564	402	20.4	16.9	18.4	17.0	M	M	41	61	0	1.47	0.35
6/12/86	22.3	11.9	0.00		M 7.45	95	38	577	412	22.9	15.5	18.9	16.2	M	M	294	55	11	1.16	0.88
6/13/86	25.2	7.6	0.00		M 6.06	92	34	589	421	23.9	15.1	19.2	16.3	M	M	310	57	20	1.08	0.85
6/14/86	25.0	7.6	2.03		M 7.75	98	31	601	430	24.6	14.8	19.8	16.2	M	M	212	62	29	1.12	0.98
6/15/86	25.1	11.9	0.00		M 4.10	95	54	615	442	22.3	17.9	19.3	17.8	M	M	189	62	14	1.82	0.40
6/16/86	19.1	7.0	0.00		M 7.97	92	45	623	448	22.8	15.1	19.2	16.5	1.09	0.89	360	35	2	0.98	0.60
6/17/86	25.6	9.2	0.00		M 6.79	91	39	636	458	23.4	15.9	19.6	16.7	1.88	1.67	154	27	1	1.25	0.97
6/18/86	30.2	17.1	0.00		M 6.21	93	62	655	474	24.3	18.4	20.7	18.1	2.94	2.44	156	33	3	2.25	0.82
6/19/86	34.2	19.8	3.05		M 7.51	94	54	678	494	27.7	20.2	22.7	19.4	1.60	1.05	137	47	10	2.69	1.06
6/20/86	25.8	16.5	3.05		M 3.14	96	80	695	508	24.3	20.5	22.3	20.4	0.83	0.22	104	70	48	2.32	0.28
6/21/86	27.6	18.0	3.81		M 5.62	97	67	713	523	25.0	20.0	21.6	19.5	0.77	0.48	288	50	32	2.42	0.48
6/22/86	26.6	14.8	9.14		M 6.93	91	34	729	537	23.9	18.8	21.0	19.2	2.90	2.65	296	24	14	1.47	1.01
6/23/86	18.6	8.1	0.00		M 6.15	91	58	738	543	21.4	17.9	20.3	18.8	2.49	2.16	349	30	14	1.37	0.41
6/24/86	23.4	6.2	0.00		M 7.62	98	46	749	551	22.6	15.0	19.6	16.9	2.92	2.66	175	24	30	1.26	0.73
6/25/86	32.7	17.3	2.03		M 6.59	92	53	769	569	25.3	18.2	21.1	18.1	3.09	2.73	193	27	5	2.12	1.01
6/26/86	31.5	18.8	0.00		M 5.71	94	63	790	586	25.3	20.5	21.8	19.8	1.12	0.27	353	71	22	2.50	0.59
6/27/86	26.3	16.4	0.00		M 6.42	95	41	807	601	24.9	19.8	21.6	19.8	1.15	1.00	325	29	26	1.67	0.82
6/28/86	26.4	13.2	0.00		M 7.24	96	38	822	613	25.3	19.1	21.7	19.6	0.88	0.71	346	36	33	1.49	0.96
6/29/86	20.8	9.5	0.00		M 3.44	95	47	833	621	21.3	18.2	21.2	19.2	0.47	0.32	50	47	27	1.22	0.62
6/30/86	24.2	12.7	0.76	5.08	4.89	92	50	847	632	22.3	17.6	19.9	18.2	1.30	0.98	194	40	2	1.57	0.60

MONTHLY	MEAN 25.1	MEAN 12.7	TOTAL 44.44	TOTAL M	MEAN 5.89	MN. 90	MN. 48	TOTL 435	TOT 352	MEAN 23.5	MEAN 17.5	MEAN 20.1	MEAN 17.8	MEAN M	MEAN M	MN. 190	MN. 43	MN 15	MEAN 1.56	MEAN 0.79
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7/ 1/86	24.4	14.5	0.51	5.84	5.65	95	66	862	644	23.0	18.7	20.3	18.7	1.07	0.25	310	71	28	1.86	0.40
7/ 2/86	26.5	11.9	0.00	7.37	7.74	95	45	877	656	24.4	17.7	20.9	18.4	0.79	0.49	353	50	18	1.56	0.79
7/ 3/86	29.3	16.8	17.78	8.89	7.09	95	56	895	672	24.9	19.2	21.4	19.2	4.57	3.62	181	37	15	2.01	0.85
7/ 4/86	29.4	18.1	0.00	8.89	7.56	95	52	914	689	25.8	19.9	22.2	19.8	0.78	0.13	160	74	31	2.19	0.73
7/ 5/86	27.1	15.1	0.00	7.37	5.83	91	60	931	703	23.3	19.9	21.8	20.6	4.50	2.47	245	54	9	2.24	0.56
7/ 6/86	25.3	13.0	0.00	9.40	7.93	91	44	946	715	21.9	17.8	20.6	18.9	3.65	3.32	270	24	10	1.52	0.79
7/ 7/86	29.3	12.1	6.10	M	6.89	94	36	962	728	23.7	17.2	20.7	18.3	0.74	0.44	289	52	52	1.65	0.84
7/ 8/86	27.2	16.9	1.02	3.30	6.08	95	56	980	743	23.7	19.2	20.9	19.2	0.59	0.34	173	53	58	1.95	0.51
7/ 9/86	28.3	15.3	0.00	6.10	6.90	94	58	997	757	24.2	19.0	21.2	19.2	0.57	0.39	211	46	36	2.05	0.56
7/10/86	22.2	18.4	1.52	1.27	1.80	93	84	1013	771	21.6	19.5	20.9	19.4	2.08	1.81	147	29	13	2.12	0.24
7/11/86	23.3	14.2	0.00	3.81	3.04	95	76	1027	782	20.4	18.5	19.5	18.7	1.26	0.82	125	48	13	1.88	0.25
7/12/86	22.4	14.3	10.41	2.79	3.15	95	83	1041	793	20.1	17.7	18.9	18.0	0.68	0.18	136	69	72	1.87	0.19
7/13/86	24.3	15.9	9.40	M	4.61	94	66	1057	806	20.8	17.9	19.1	18.0	0.75	0.49	333	48	35	1.86	0.34
7/14/86	27.2	15.7	0.51	M	6.53	94	67	1074	820	22.7	17.8	20.2	18.0	1.21	0.80	170	47	53	2.15	0.47
7/15/86	29.6	17.1	0.00	3.56	5.15	94	71	1093	836	24.3	18.6	21.3	18.8	0.49	0.24	129	58	39	2.51	0.50
7/16/86	25.0	20.4	3.81	M	1.49	93	89	1111	852	22.3	20.7	21.1	20.1	0.87	0.38	98	61	75	2.56	0.25
7/17/86	30.3	20.3	0.00	5.59	5.08	92	80	1132	870	25.5	20.8	22.4	20.2	1.65	0.84	180	57	37	2.89	0.43
7/18/86	30.6	17.8	1.52	5.33	6.23	93	49	1152	887	26.4	20.6	23.1	20.7	0.51	0.17	247	66	53	2.27	0.76
7/19/86	26.3	16.5	4.32	4.83	6.27	94	52	1169	901	25.1	20.8	22.5	20.9	0.86	0.80	324	22	36	1.94	0.57
7/20/86	25.4	13.5	1.52	M	6.52	94	52	1184	913	24.7	19.1	21.9	20.0	1.75	0.84	292	58	65	1.69	0.42
7/21/86	26.7	14.7	0.00	2.54	6.98	94	57	1200	927	24.1	18.8	21.7	19.6	2.55	2.35	227	23	43	1.94	0.54
7/22/86	29.5	15.1	7.62	5.33	7.17	94	53	1218	942	25.3	19.1	22.3	19.8	2.05	1.65	187	36	35	2.08	0.79
7/23/86	30.2	19.5	12.70	M	3.94	93	74	1238	960	24.3	20.9	22.2	20.8	2.57	1.57	174	51	44	2.68	0.45
7/24/86	27.1	14.3	0.00	1.02	6.02	94	62	1254	973	24.9	21.2	22.6	21.1	0.70	0.53	313	40	42	2.16	0.55
7/25/86	27.2	13.7	0.00	4.83	7.43	94	47	1270	986	24.6	18.8	22.1	20.0	0.46	0.25	202	55	29	1.74	0.81
7/26/86	28.4	15.6	11.68	3.81	6.45	93	62	1288	1001	24.6	19.7	22.1	20.3	1.27	0.59	149	59	20	2.14	0.59
7/27/86	29.5	17.5	0.51	2.54	5.87	93	54	1307	1017	24.9	20.5	22.3	20.6	0.45	0.26	32	52	40	2.16	0.57
7/28/86	28.6	17.0	0.00	6.10	6.65	93	58	1325	1033	24.6	20.6	22.3	20.7	0.60	0.37	228	50	46	2.14	0.60
7/29/86	31.0	17.5	3.30	4.32	6.23	93	60	1345	1050	26.0	20.6	23.0	20.8	1.30	0.49	177	64	34	2.38	0.66
7/30/86	26.0	14.7	0.00	7.62	6.32	93	40	1361	1063	25.4	20.8	22.8	21.0	0.69	0.34	288	58	31	1.73	0.72
7/31/86	24.8	12.9	0.00	5.59	6.50	93	48	1376	1075	23.6	18.4	21.8	19.8	1.16	0.97	307	33	5	1.53	0.64

MONTHLY	MEAN 27.2	MEAN 15.8	TOTAL 94.23	TOTAL M	MEAN 5.84	MN. 94	MN. 60	TOTL 529	TOT 443	MEAN 23.9	MEAN 19.3	MEAN 21.5	MEAN 19.7	MEAN 1.39	MEAN 0.91	MN. 215	MN. 50	MN 36	MEAN 2.05	MEAN 0.56
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C R O O K S T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 7.22	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	22.6	12.8	0.00	7.11	5.92	94	50	1389	1085	22.7	18.6	21.0	19.5	1.45	1.27	327	29	43	1.50	0.47
8/ 2/86	23.7	12.1	0.00	6.60	6.53	94	41	1402	1096	23.2	17.6	20.9	18.7	0.84	0.75	339	27	33	1.38	0.67
8/ 3/86	29.0	9.5	0.00	5.84	6.42	94	37	1417	1108	24.1	17.1	21.3	18.5	0.48	0.28	241	52	50	1.51	1.00
8/ 4/86	30.8	14.6	2.54	3.81	6.08	92	38	1435	1123	25.1	18.8	21.9	19.3	0.50	0.12	215	71	31	1.82	1.06
8/ 5/86	32.0	17.3	0.00	7.37	6.60	93	39	1456	1141	25.9	20.1	22.5	20.2	0.48	0.14	151	68	35	2.02	0.92
8/ 6/86	28.5	14.8	6.86	M	3.71	93	53	1473	1155	23.2	19.7	21.9	20.3	1.19	0.87	202	42	57	1.92	0.44
8/ 7/86	26.0	14.4	0.00	1.02	5.06	93	58	1489	1168	22.9	18.7	20.9	19.2	0.73	0.50	307	45	32	1.87	0.50
8/ 8/86	29.7	11.9	1.27	5.08	6.47	94	35	1505	1182	23.7	17.4	21.1	18.6	0.51	0.28	279	54	42	1.61	1.03
8/ 9/86	22.3	10.3	6.60	2.29	2.90	93	64	1517	1191	20.8	17.8	20.6	19.0	0.88	0.55	329	50	36	1.73	0.27
8/10/86	20.1	9.0	0.00	5.08	5.79	95	46	1527	1198	19.9	15.2	19.0	17.2	0.61	0.49	331	36	44	1.14	0.48
8/11/86	24.6	7.3	0.00	6.10	6.71	95	36	1538	1207	21.7	14.4	19.1	16.3	0.46	0.25	212	55	36	1.17	0.82
8/12/86	27.9	12.0	0.00	7.11	6.40	90	56	1554	1220	22.4	15.9	19.7	17.1	1.14	0.90	173	37	0	1.76	0.67
8/13/86	25.2	18.3	1.27	2.03	2.52	92	74	1571	1234	21.1	18.9	19.4	18.6	1.11	0.45	154	62	10	2.15	0.32
8/14/86	29.7	17.0	0.00	3.56	3.99	92	51	1590	1250	22.9	18.7	20.3	18.6	0.47	0.33	293	44	54	2.06	0.56
8/15/86	31.7	15.6	0.00	9.65	6.48	93	38	1609	1267	23.8	18.2	20.8	18.6	2.42	1.63	199	46	33	1.99	1.13
8/16/86	22.4	12.0	0.00	2.79	1.62	93	40	1622	1277	21.4	17.5	20.5	18.2	0.50	0.21	321	61	34	1.52	0.36
8/17/86	24.8	8.1	0.00	5.84	6.34	94	35	1634	1286	22.1	15.4	19.4	16.9	0.52	0.19	348	65	21	1.21	0.82
8/18/86	27.1	11.8	0.00	9.14	6.14	90	42	1649	1298	22.4	16.8	19.7	17.6	1.23	1.11	168	26	6	1.49	0.98
8/19/86	31.4	18.6	0.00	9.65	6.07	87	55	1670	1316	24.2	18.8	20.9	18.6	3.97	2.93	186	41	3	2.26	1.00
8/20/86	23.7	7.6	0.00	9.65	6.28	89	28	1681	1324	22.8	18.5	20.7	19.5	2.11	1.80	348	31	16	1.23	0.98
8/21/86	22.0	4.3	4.32	2.29	5.34	94	33	1690	1330	20.8	15.5	19.5	17.3	0.95	0.67	166	44	32	0.97	0.80
8/22/86	18.2	13.2	1.27	M	1.67	93	69	1701	1339	18.3	17.1	18.5	17.4	0.59	0.15	43	70	47	1.48	0.24
8/23/86	25.3	11.1	0.00	6.86	6.40	93	31	1715	1350	21.5	15.6	18.8	16.5	0.47	0.22	229	60	34	1.33	0.82
8/24/86	21.9	15.3	0.00	5.08	3.16	91	63	1729	1361	18.8	16.7	18.2	17.1	5.10	4.20	183	34	1	1.66	0.37
8/25/86	26.2	12.7	7.11	5.59	5.21	92	46	1744	1373	21.4	16.4	18.7	16.9	0.80	0.54	347	47	25	1.57	0.69
8/26/86	16.5	7.8	0.00	6.10	5.95	93	41	1751	1378	18.6	15.1	18.2	16.4	1.30	1.09	4	33	23	0.94	0.48
8/27/86	19.0	2.9	0.00	3.81	4.73	95	38	1758	1382	17.2	12.7	16.6	14.8	0.70	0.42	322	52	43	0.82	0.54
8/28/86	22.1	2.7	0.00	5.59	5.84	95	37	1766	1387	18.1	11.5	16.1	13.8	0.60	0.46	213	39	34	0.90	0.74
8/29/86	23.9	9.2	0.00	5.59	5.91	89	49	1778	1397	19.1	13.3	16.7	14.5	1.49	0.97	188	48	0	1.29	0.67
8/30/86	27.5	11.9	0.00	6.35	5.81	91	53	1793	1409	20.9	14.8	17.9	15.3	0.88	0.58	167	47	0	1.68	0.67
8/31/86	25.3	12.8	9.91	3.81	2.62	93	74	1808	1421	19.9	16.2	17.9	16.5	0.50	0.08	93	74	39	2.02	0.38
MONTHLY	MEAN 25.2	MEAN 11.6	TOTAL 41.15	TOTAL M	MEAN 5.18	MN. 93	MN. 47	TOTL 432	TOT 346	MEAN 21.6	MEAN 16.7	MEAN 19.6	MEAN 17.6	MEAN 1.13	MEAN 0.79	MN. 228	MN. 48	MN 29	MEAN 1.55	MEAN 0.67
9/ 1/86	17.1	14.4	6.86	M	0.73	91	89	1819	1429	18.6	16.3	17.7	16.4	0.66	0.50	33	40	67	1.58	0.17
9/ 2/86	20.1	15.2	5.59	1.02	1.09	91	87	1832	1440	17.9	16.0	16.8	16.1	1.03	0.84	190	35	63	1.87	0.23
9/ 3/86	22.2	13.2	0.00	2.79	2.87	90	74	1846	1450	18.9	16.7	17.3	16.4	0.60	0.50	272	34	44	1.75	0.30
9/ 4/86	18.2	9.8	0.00	4.83	3.77	91	57	1855	1457	16.9	14.6	16.9	15.5	2.24	2.09	310	21	0	1.16	0.42
9/ 5/86	14.3	7.6	0.00	4.06	3.95	91	53	1862	1461	15.6	13.2	15.6	14.5	1.67	1.55	344	21	0	0.92	0.34
9/ 6/86	16.1	4.9	0.00	4.57	3.89	92	47	1868	1464	15.1	11.8	14.5	13.3	0.89	0.82	333	23	10	0.89	0.37
9/ 7/86	21.0	3.1	0.00	M	5.62	94	25	1875	1469	15.8	10.7	14.3	12.5	1.86	1.69	294	25	33	0.74	0.80
9/ 8/86	22.7	2.7	0.00	M	5.54	91	22	1884	1474	17.0	10.9	14.8	12.5	0.49	0.16	276	66	8	0.77	0.84
9/ 9/86	19.6	7.0	0.51	M	2.73	91	55	1892	1480	15.6	12.3	14.3	13.2	0.58	0.40	128	45	28	1.19	0.41
9/10/86	16.9	12.0	1.78	M	1.55	92	78	1902	1488	15.6	13.8	14.5	13.9	0.45	0.21	44	59	39	1.42	0.20
9/11/86	22.4	10.9	4.83	M	4.59	92	44	1915	1497	18.6	13.5	15.8	13.8	0.45	0.10	76	72	30	1.31	0.54
9/12/86	18.3	3.6	0.00	M	3.72	92	48	1921	1501	16.5	12.6	15.4	14.1	1.63	1.21	314	41	29	1.08	0.34
9/13/86	14.7	-0.2	0.00	M	4.75	93	40	1924	1501	15.4	10.2	14.1	12.3	0.45	0.22	12	58	22	0.68	0.41
9/14/86	12.9	6.9	0.00	M	1.40	81	54	1929	1503	13.2	11.8	13.6	12.7	0.48	0.30	71	50	0	0.81	0.40
9/15/86	17.5	4.2	0.00	M	4.99	87	37	1936	1507	15.9	10.5	13.7	11.8	0.50	0.37	51	41	0	0.75	0.55
9/16/86	15.5	4.7	6.86	M	1.96	93	53	1941	1510	12.9	10.8	13.1	11.9	2.04	1.92	154	19	16	0.96	0.31
9/17/86	14.6	10.7	0.76	M	1.10	92	86	1950	1515	13.6	11.8	12.8	12.2	0.47	0.19	310	62	41	1.29	0.15
9/18/86	16.8	7.9	0.00	M	3.50	92	64	1958	1520	15.4	11.9	13.7	12.3	0.45	0.29	4	48	20	1.17	0.23
9/19/86	13.3	8.3	2.03	M	1.06	92	88	1964	1524	13.0	11.6	13.2	12.2	0.45	0.24	74	56	58	1.15	0.13
9/20/86	16.0	10.0	3.81	M	1.66	91	83	1972	1530	14.2	11.9	13.1	12.2	0.48	0.31	97	48	0	1.29	0.18
9/21/86	16.9	13.2	13.46	M	0.91	91	87	1983	1538	14.6	13.1	13.6	12.9	0.46	0.19	38	62	77	1.55	0.19
9/22/86	20.5	9.5	0.00	M	4.78	90	47	1994	1545	16.1	12.4	14.2	12.8	1.03	0.94	257	24	36	1.26	0.47
9/23/86	22.5	7.5	0.00	M	4.29	89	42	2004	1553	15.9	11.8	14.1	12.6	0.78	0.64	249	34	0	1.16	0.51
9/24/86	24.4	11.1	5.59	M	3.19	89	67	2017	1564	16.8	12.3	14.8	12.8	1.75	1.53	160	29	13	1.70	0.47
9/25/86	24.3	16.4	0.00	M	4.53	90	44	2033	1577	17.3	15.2	15.5	14.6	5.28	4.32	164	35	20	1.49	0.87
9/26/86	23.8	12.1	0.51	M	2.85	90	59	2047	1588	17.1	13.7	15.3	14.1	1.46	1.16	142	37	24	1.50	0.61
9/27/86	19.0	9.2	0.00	M	1.81	92	73	2056	1594	16.0	13.4	14.9	14.1	0.52	0.31	300	52	64	1.44	0.24
9/28/86	15.5	8.8	4.32	M	1.35	91	76	2064	1599	13.8	12.2	14.2	13.0	0.65	0.44	166	47	80	1.26	0.18
9/29/86	16.9	7.6	0.00	M	2.29	92	64	2072	1604	14.3	11.8	13.3	12.5	0.71	0.42	292	52	68	1.18	0.22
9/30/86	18.3	5.2	0.00	M	4.29	90	51	2079	1609	15.3	10.2	13.5	11.6	0.45	0.02	265	79	58	0.98	0.37
MONTHLY	MEAN 18.4	MEAN 8.6	TOTAL 56.91	TOTAL M	MEAN 3.03	MN. 91	MN. 60	TOTL 272	TOT 188	MEAN 15.8	MEAN 12.6	MEAN 14.6	MEAN 13.4	MEAN 1.03	MEAN 0.79	MN. 181	MN. 44	MN 32	MEAN 1.21	MEAN 0.38

C R O O K S T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 7.22	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	19.3	5.0	3.81	M	2.59	90	47	2087	1614	14.2	10.5	13.0	11.6	0.45	0.12	104	69	60	1.05	0.41
10/ 2/86	13.3	7.0	0.00	M	1.20	90	84	2093	1617	13.3	11.8	12.9	12.2	0.58	0.52	29	26	32	1.13	0.15
10/ 3/86	9.1	0.9	0.00	M	2.24	92	73	2093	1617	11.8	9.0	12.3	10.7	0.75	0.65	6	30	18	0.76	0.13
10/ 4/86	14.8	1.3	0.25	M	1.90	91	70	2097	1618	11.1	8.2	10.8	9.8	1.15	0.84	237	42	30	0.92	0.19
10/ 5/86	8.7	0.1	0.51	M	2.49	90	58	2097	1618	10.0	7.4	10.7	9.4	2.02	1.70	343	33	25	0.68	0.20
10/ 6/86	21.3	1.1	0.00	M	3.15	88	56	2104	1622	12.3	7.0	10.7	8.6	1.88	1.65	208	28	12	1.02	0.33
10/ 7/86	17.6	2.2	0.25	M	1.57	90	76	2109	1624	12.1	9.1	11.0	10.1	2.15	1.60	345	41	8	1.05	0.18
10/ 8/86	8.2	-4.8	0.00	M	2.07	92	57	2109	1624	9.9	6.5	10.3	8.9	0.87	0.77	4	28	37	0.60	0.17
10/ 9/86	9.8	-6.4	0.00	M	3.65	92	40	2109	1624	8.3	4.0	8.9	6.9	2.39	2.22	180	22	3	0.44	0.32
10/10/86	12.4	4.2	0.00	M	0.49	84	62	2113	1625	8.4	6.2	8.4	7.6	4.83	2.91	210	51	7	0.77	0.31
10/11/86	6.0	-1.3	0.00	M	1.57	85	58	2113	1625	7.6	5.5	8.1	7.4	2.98	2.63	2	28	0	0.55	0.21
10/12/86	1.1	-2.9	0.00	M	1.36	89	72	2113	1625	5.8	4.3	7.4	6.3	1.91	1.58	356	34	0	0.47	0.11
10/13/86	8.2	-3.7	0.00	M	3.50	90	49	2113	1625	7.8	3.7	7.1	5.7	1.18	1.09	226	24	0	0.50	0.26
10/14/86	10.9	-3.9	0.00	M	3.25	90	44	2113	1625	7.9	3.8	7.2	5.8	2.49	1.97	350	37	2	0.55	0.28
10/15/86	15.2	2.4	0.00	M	2.52	81	52	2117	1627	8.7	5.5	7.8	6.5	2.84	2.52	234	27	0	0.72	0.35
10/16/86	15.0	1.7	0.00	M	3.36	91	53	2121	1628	10.7	5.6	8.7	6.9	0.46	0.33	55	43	29	0.78	0.30
10/17/86	17.2	0.1	0.00	M	3.25	92	57	2125	1630	10.3	5.8	8.8	7.0	2.54	2.29	174	25	20	0.87	0.32
10/18/86	19.6	6.2	0.00	M	3.09	88	57	2134	1635	11.7	7.4	9.7	8.0	5.74	5.10	187	27	0	1.05	0.42
10/19/86	21.4	7.9	0.00	M	3.09	89	59	2144	1643	12.8	8.7	10.7	9.0	3.59	2.59	201	43	14	1.16	0.42
10/20/86	20.7	1.4	0.00	M	3.07	91	39	2151	1646	12.6	7.9	10.6	8.9	0.46	0.16	281	66	27	0.88	0.53
10/21/86	22.1	3.6	0.00	M	2.97	88	43	2159	1652	12.5	7.4	10.5	8.6	0.58	0.43	199	41	3	1.01	0.57
10/22/86	18.4	3.3	0.00	M	2.80	90	60	2166	1656	13.2	9.5	11.1	9.7	0.67	0.26	338	63	10	1.08	0.35
10/23/86	5.4	2.6	0.00	M	0.60	91	85	2166	1656	9.9	8.0	10.5	8.8	0.67	0.60	359	27	8	0.72	0.10
10/24/86	11.6	3.5	0.00	M	1.46	91	73	2169	1656	10.1	7.6	9.4	8.4	0.45	0.02	162	79	15	0.83	0.17
10/25/86	11.0	4.5	0.00	M	0.85	93	84	2172	1657	9.6	8.1	9.1	8.6	0.47	0.29	183	50	28	0.91	0.13
10/26/86	15.6	3.2	0.00	M	2.45	96	63	2177	1659	10.1	6.4	9.1	7.8	1.48	1.39	204	20	48	0.91	0.22
10/27/86	16.6	0.4	0.00	M	2.65	90	52	2181	1660	10.8	6.4	9.3	7.8	1.52	0.83	193	55	21	0.86	0.42
10/28/86	14.1	-1.4	0.00	M	1.50	86	61	2183	1660	10.1	7.2	9.5	8.6	2.99	2.48	342	33	2	0.79	0.35
10/29/86	2.1	-2.7	2.54	M	0.52	90	75	2183	1660	7.2	5.4	8.6	7.0	0.50	0.36	42	42	35	0.53	0.10
10/30/86	12.4	-5.1	0.00	M	1.52	88	67	2183	1660	7.4	4.0	7.1	5.9	4.27	3.74	161	29	0	0.69	0.26
10/31/86	11.8	-7.5	0.00	M	1.07	88	53	2183	1660	7.5	3.4	7.4	5.9	5.14	3.93	322	39	5	0.53	0.20
MONTHLY	MEAN 13.3	MEAN 0.7	TOTAL 7.36	TOTAL M	MEAN 2.19	MN. 90	MN. 61	TOTL 104	TOT 51	MEAN 10.2	MEAN 6.8	MEAN 9.6	MEAN 8.2	MEAN 1.94	MEAN 1.53	MN. 201	MN. 39	MN 16	MEAN 0.80	MEAN 0.27

GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
4/ 1/86	11.1	-2.5	0.00		M	6.31	73	19	0	0	11.3	1.0	5.1	0.2	1.34	0.70	7	56	M	M
4/ 2/86	13.3	-4.6	0.00		M	5.34	75	19	0	0	10.3	1.2	5.0	1.1	3.58	1.97	28	54	M	M
4/ 3/86	8.3	1.0	0.00		M	2.38	78	31	0	0	7.5	2.2	4.3	2.0	2.38	1.23	118	56	M	M
4/ 4/86	11.9	0.2	15.24		M	4.82	72	25	2	0	9.4	1.4	4.9	1.3	0.85	0.48	134	53	M	M
4/ 5/86	5.1	2.7	20.32		M	0.70	90	72	2	0	5.4	3.4	3.6	2.5	1.49	0.36	234	70	M	M
4/ 6/86	14.7	3.1	2.54		M	3.49	94	53	6	0	12.0	3.8	7.0	2.6	0.97	0.43	161	60	M	M
4/ 7/86	14.3	2.9	0.00		M	6.06	81	25	10	0	14.2	4.6	8.5	4.1	2.78	1.27	92	60	M	M
4/ 8/86	8.7	-2.5	0.00		M	5.44	73	35	10	0	10.1	2.6	6.5	3.3	3.29	1.34	215	62	M	M
4/ 9/86	13.3	-2.9	0.00		M	6.85	73	17	11	0	12.5	1.7	7.3	2.2	1.92	1.21	164	49	M	M
4/10/86	18.7	-3.9	0.00		M	6.82	79	16	14	0	15.3	2.0	9.1	2.5	1.02	0.73	104	43	M	M
4/11/86	20.8	-2.8	0.00		M	6.92	83	14	19	0	17.2	3.0	10.4	3.7	1.03	0.11	209	77	M	M
4/12/86	11.6	0.7	0.00		M	2.62	62	20	20	0	11.8	5.2	8.7	5.5	0.77	0.26	11	66	M	M
4/13/86	10.8	0.8	0.00		M	3.00	70	44	22	0	10.4	3.7	6.9	4.0	1.97	0.51	62	70	M	M
4/14/86	6.1	1.2	0.00		M	0.75	83	45	22	0	5.6	3.1	5.9	3.4	0.73	0.47	136	48	M	M
4/15/86	13.5	2.8	0.00		M	6.40	68	21	25	0	13.0	2.5	8.1	2.8	0.48	0.21	90	61	M	M
4/16/86	14.5	-2.1	0.00		M	7.31	72	21	27	0	15.3	2.2	9.4	3.2	0.50	0.10	118	72	M	M
4/17/86	13.7	-1.2	0.00		M	4.34	59	29	29	0	11.0	1.7	7.2	3.1	0.59	0.03	256	79	M	M
4/18/86	12.8	2.7	13.97		M	2.08	82	43	32	0	9.1	3.1	6.7	3.9	0.50	0.10	136	72	M	M
4/19/86	13.5	5.2	0.00		M	4.04	81	23	37	0	12.3	6.5	8.8	5.8	0.45	0.11	188	70	M	M
4/20/86	5.2	-1.6	0.00		M	1.91	82	60	37	0	7.2	2.7	7.4	3.8	0.45	0.13	42	68	M	M
4/21/86	7.1	-4.6	0.00		M	7.66	71	19	37	0	12.1	1.8	7.5	2.0	0.45	0.05	92	76	M	M
4/22/86	13.8	-6.4	0.76		M	7.40	79	17	37	0	13.3	1.3	8.1	2.0	0.69	0.47	145	46	M	M
4/23/86	22.0	6.0	0.00		M	6.42	64	33	47	4	16.9	5.3	10.9	4.9	0.45	0.10	69	71	M	M
4/24/86	16.8	6.8	0.00		M	3.29	76	21	54	6	14.2	7.8	10.4	8.3	0.45	0.22	265	57	M	M
4/25/86	11.7	5.1	13.46		M	2.90	82	41	58	6	10.7	5.5	8.9	6.2	0.45	0.08	347	73	M	M
4/26/86	17.1	6.2	3.05		M	5.19	82	52	65	7	18.4	6.7	12.1	5.1	0.45	0.09	143	72	M	M
4/27/86	14.7	9.6	26.42		M	1.02	84	78	73	10	13.9	10.3	11.2	8.7	0.45	0.10	78	72	M	M
4/28/86	11.9	2.8	4.06		M	1.15	89	79	76	10	12.9	6.7	10.9	7.6	0.45	0.08	5	74	M	M
4/29/86	21.3	1.6	3.30		M	7.61	81	15	83	11	19.3	4.3	13.1	4.9	0.45	0.23	85	56	M	M
4/30/86	12.7	5.1	11.18		M	1.46	81	45	87	11	12.6	8.0	10.9	8.9	0.45	0.05	202	76	M	M

MONTHLY	MEAN 13.0	MEAN 1.0	TOTAL 114.30	TOTAL M	MEAN 4.39	MM. 77	MM. 34	TOTL 87	TOT 11	MEAN 12.2	MEAN 3.8	MEAN 8.1	MEAN 4.0	MEAN 1.06	MEAN 0.44	MM. 131	MM. 64	MM. M	MEAN M	MEAN M
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5/ 1/86	5.5	-0.4	0.00		M	3.65	82	58	87	11	10.5	4.2	9.2	6.1	0.45	0.11	336	70	M	M
5/ 2/86	12.1	-1.1	0.00		M	8.08	72	24	88	11	16.4	2.8	10.9	4.2	0.45	0.21	143	59	M	M
5/ 3/86	18.7	-2.6	0.00		M	7.93	72	17	92	11	18.3	3.4	12.3	5.2	0.45	0.32	102	43	M	M
5/ 4/86	28.9	10.2	0.00		M	7.71	65	12	107	21	23.9	8.9	16.6	8.5	0.45	0.17	88	63	M	M
5/ 5/86	26.0	13.0	0.00		M	5.71	58	12	122	30	21.7	14.3	16.7	12.9	0.45	0.33	121	41	M	M
5/ 6/86	12.9	5.0	0.00		M	1.99	42	17	127	30	14.3	9.2	14.8	9.7	0.45	0.30	9	46	M	M
5/ 7/86	14.4	4.4	8.38		M	5.01	44	16	132	30	16.5	8.0	12.4	8.3	0.45	0.05	140	76	M	M
5/ 8/86	7.1	3.1	8.89		M	1.39	48	21	132	30	10.1	6.8	10.9	7.6	0.45	0.21	42	59	M	M
5/ 9/86	13.4	4.8	1.02		M	2.06	43	28	137	30	11.8	6.6	10.0	6.8	0.45	0.14	317	67	M	M
5/10/86	14.2	7.6	12.19		M	1.75	73	39	143	31	13.3	8.5	11.3	8.0	0.45	0.24	128	55	M	M
5/11/86	16.4	10.3	5.84		M	2.55	74	31	152	34	15.9	10.6	13.0	9.0	0.45	0.18	114	63	M	M
5/12/86	20.7	9.9	7.62		M	3.56	94	57	163	39	19.1	11.2	15.0	9.7	0.45	0.15	71	66	M	M
5/13/86	21.0	8.1	0.00		M	5.76	70	21	173	44	19.3	11.6	15.9	11.5	0.45	0.30	28	46	M	M
5/14/86	21.7	7.2	4.06		M	7.65	90	25	183	48	22.0	10.4	16.8	10.4	0.45	0.15	93	66	M	M
5/15/86	20.0	8.5	1.78		M	0.32	98	15	193	53	17.6	11.5	15.9	11.6	0.88	0.09	76	77	99	M
5/16/86	16.6	5.3	0.00		M	6.25	100	43	200	54	17.7	9.2	12.8	9.5	1.52	1.23	301	36	31	M
5/17/86	15.3	4.4	0.00		M	8.18	85	46	205	54	19.7	7.1	13.1	8.4	2.62	2.33	349	27	4	M
5/18/86	16.7	2.6	0.00		M	8.52	85	35	210	54	21.5	7.2	13.6	8.2	1.89	1.49	7	37	4	M
5/19/86	17.9	1.6	0.00		M	8.88	96	35	216	54	23.9	8.0	17.6	8.6	1.13	0.91	132	36	27	M
5/20/86	19.9	-0.4	0.00		M	8.97	94	22	221	54	24.9	7.6	18.2	8.8	0.49	0.32	144	48	17	M
5/21/86	22.2	1.1	0.00		M	8.99	96	20	228	55	25.9	8.8	19.0	9.8	0.45	0.31	130	45	25	M
5/22/86	22.9	1.4	0.00		M	8.03	96	24	236	58	25.3	9.7	18.3	10.4	0.45	0.40	104	27	22	M
5/23/86	21.4	5.0	0.00		M	6.23	98	44	244	61	23.3	10.4	17.7	11.3	0.67	0.58	130	29	25	M
5/24/86	22.5	10.4	0.51		M	7.28	95	39	256	67	26.4	13.0	19.8	13.3	0.45	0.27	134	50	36	M
5/25/86	21.3	10.2	1.78		M	5.06	96	54	268	73	22.4	14.0	18.2	13.9	0.45	0.32	101	43	40	M
5/26/86	27.3	6.9	0.00		M	8.72	98	38	280	80	29.6	11.9	22.2	13.1	0.45	0.36	88	36	31	M
5/27/86	30.2	8.0	0.00		M	8.81	97	26	295	89	31.2	14.9	23.8	15.7	0.45	0.34	113	40	27	M
5/28/86	31.5	10.6	0.00		M	8.70	95	29	312	100	32.8	16.7	24.9	17.2	0.45	0.31	174	44	22	M
5/29/86	31.8	12.3	0.00		M	8.36	96	30	329	112	33.1	18.0	25.6	18.6	0.45	0.30	269	47	23	M
5/30/86	33.1	14.0	0.00		M	8.37	95	33	348	126	33.7	19.4	26.3	19.7	0.45	0.40	280	27	18	M
5/31/86	31.1	10.0	0.00		M	8.23	88	36	364	136	32.3	19.2	25.5	19.9	0.45	0.15	200	66	2	M

MONTHLY	MEAN 20.5	MEAN 6.2	TOTAL 52.07	TOTAL M	MEAN 6.22	MM. 82	MM. 31	TOTL 277	TOT 125	MEAN 21.8	MEAN 10.4	MEAN 16.7	MEAN 10.8	MEAN 0.64	MEAN 0.42	MM. 144	MM. 50	MM. M	MEAN M	MEAN M
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GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
6/ 1/86	17.8	6.6	0.00		M	5.36	95	53	372	138	25.5	16.4	23.3	18.6	0.45	0.28	57	49	8	M	M
6/ 2/86	21.4	3.4	0.00		M	8.81	97	39	380	141	27.6	12.8	21.9	15.3	0.45	0.35	161	38	27	M	M
6/ 3/86	27.0	12.6	5.33		M	3.73	96	52	396	151	25.1	16.4	20.5	16.9	0.45	0.36	189	35	37	M	M
6/ 4/86	22.2	10.4	0.00		M	7.16	95	38	407	157	25.2	15.6	20.6	16.2	0.45	0.40	1	25	4	M	M
6/ 5/86	22.3	5.8	0.00		M	8.67	100	41	417	161	28.6	13.1	22.1	15.1	0.45	0.22	112	58	22	M	M
6/ 6/86	24.5	5.5	16.76		M	7.48	85	47	428	166	27.7	14.2	21.9	15.8	0.45	0.41	161	23	1	M	M
6/ 7/86	22.3	11.4	0.00		M	7.42	97	49	440	173	24.3	16.0	20.9	16.8	0.45	0.26	325	52	33	M	M
6/ 8/86	23.6	8.9	0.00		M	9.31	92	33	452	179	28.2	12.7	22.3	14.8	0.45	0.15	9	66	0	M	M
6/ 9/86	27.0	11.2	0.00		M	8.44	89	39	466	188	30.1	16.2	23.8	17.0	0.45	0.42	167	20	0	M	M
6/10/86	17.4	12.5	27.43		M	1.13	97	68	477	193	21.1	17.6	21.9	16.7	0.45	0.06	70	76	52	M	M
6/11/86	16.4	10.0	0.00		M	3.21	97	85	486	196	18.9	14.9	17.9	15.4	0.45	0.41	9	21	33	M	M
6/12/86	23.8	9.1	0.00		M	7.48	96	39	498	203	24.7	14.2	20.1	14.6	0.45	0.14	264	67	0	M	M
6/13/86	23.7	6.4	9.65		M	7.85	99	31	508	208	26.6	13.0	22.1	14.4	0.45	0.38	301	32	44	M	M
6/14/86	22.8	8.5	0.00		M	9.05	99	40	520	214	26.2	14.8	21.5	15.3	0.45	0.34	292	39	31	M	M
6/15/86	22.4	10.4	11.18		M	2.02	95	86	532	220	20.8	14.8	19.2	15.9	0.45	0.28	184	49	63	M	M
6/16/86	17.1	6.8	0.00		M	8.98	97	50	539	222	22.7	14.2	19.7	15.8	0.45	0.40	355	26	11	M	M
6/17/86	24.3	4.3	0.00		M	8.11	99	40	549	226	26.4	11.6	21.9	14.0	0.45	0.08	282	73	29	M	M
6/18/86	27.4	12.8	41.15		M	5.68	96	59	565	236	26.5	16.6	21.3	17.5	0.45	0.28	166	49	3	M	M
6/19/86	29.7	17.0	3.81		M	8.19	97	57	584	250	28.3	18.5	23.4	17.3	0.45	0.24	110	56	29	M	M
6/20/86	24.3	14.3	1.02		M	6.36	96	60	598	259	24.2	16.6	20.5	16.9	0.45	0.40	144	25	26	M	M
6/21/86	30.9	15.9	3.05		M	5.20	96	56	617	272	29.7	18.7	22.5	18.0	0.45	0.34	201	40	56	M	M
6/22/86	25.2	13.6	0.00		M	7.61	96	41	632	282	25.9	17.6	21.2	17.6	0.45	0.25	280	54	37	M	M
6/23/86	20.3	9.3	7.11		M	6.09	92	61	643	287	23.6	14.5	19.7	16.9	0.45	0.34	334	40	10	M	M
6/24/86	21.6	5.6	0.00		M	9.34	97	38	652	290	26.3	11.9	20.5	14.1	0.45	0.12	163	69	0	M	M
6/25/86	28.3	10.7	3.30		M	5.07	94	63	667	300	24.0	14.7	21.0	15.0	0.73	0.66	160	25	11	M	M
6/26/86	32.2	17.4	25.15		M	6.51	95	60	687	315	30.0	19.3	23.5	17.9	1.33	0.71	218	55	48	M	M
6/27/86	24.9	13.7	0.00		M	8.52	96	41	702	324	26.5	18.3	21.9	17.2	1.16	1.03	314	27	33	M	M
6/28/86	25.4	12.9	0.00		M	7.72	95	41	717	333	28.1	16.8	22.4	15.6	1.37	1.24	303	25	30	M	M
6/29/86	21.3	11.7	0.00		M	6.64	88	44	729	339	25.9	16.2	21.2	17.3	0.87	0.65	327	40	0	M	M
6/30/86	24.1	11.3	0.00		M	8.14	91	41	742	347	28.9	16.2	22.6	17.0	0.78	0.56	125	43	0	M	M

MONTHLY	MEAN 23.7	MEAN 10.3	TOTAL 154.94	TOTAL M	MEAN 6.84	MN. 95	MN. 50	TOTL 378	TOT 211	MEAN 25.9	MEAN 15.5	MEAN 21.4	MEAN 16.2	MEAN 0.56	MEAN 0.39	MN. 193	MN. 43	MN 23	MEAN M	MEAN M
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7/ 1/86	23.2	12.2	14.22		M	5.16	95	69	755	355	25.0	17.9	21.0	18.0	0.55	0.13	241	71	34	M	M
7/ 2/86	24.6	12.5	0.00		M	8.03	96	41	769	363	26.8	16.5	21.7	16.4	0.86	0.58	344	46	38	M	M
7/ 3/86	27.9	11.4	43.18		M	8.60	96	48	785	373	30.1	16.1	23.6	16.9	1.40	1.05	166	40	30	M	M
7/ 4/86	30.2	17.5	5.08		M	6.94	95	56	804	387	29.2	19.5	23.4	14.6	1.09	0.12	57	76	38	M	M
7/ 5/86	28.7	16.4	0.00		M	2.88	93	72	822	399	25.7	19.1	22.3	19.8	1.23	0.68	165	54	4	M	M
7/ 6/86	26.0	14.5	0.00		M	9.07	92	39	838	410	27.4	16.7	22.4	17.1	0.96	0.75	264	38	0	M	M
7/ 7/86	28.0	12.5	9.65		M	8.62	95	36	854	420	30.9	17.3	24.2	17.6	0.51	0.35	297	45	33	M	M
7/ 8/86	22.1	13.2	6.10		M	3.16	96	71	867	428	23.2	18.3	22.6	18.0	0.63	0.31	350	58	63	M	M
7/ 9/86	26.3	11.4	0.00		M	6.02	96	61	881	436	26.4	16.0	21.3	15.1	0.47	0.38	304	35	34	M	M
7/10/86	26.0	16.1	1.52		M	4.91	94	59	898	447	25.6	18.8	21.3	18.5	0.92	0.78	116	31	40	M	M
7/11/86	16.1	12.3	25.91		M	0.82	96	88	908	452	19.0	15.4	19.8	14.4	2.99	2.85	82	18	76	M	M
7/12/86	15.7	12.1	2.54		M	1.65	96	92	917	456	17.8	15.0	15.8	14.1	2.00	1.80	108	26	68	M	M
7/13/86	20.8	11.7	0.00		M	3.68	96	75	929	462	21.2	14.9	17.9	14.5	0.94	0.43	26	60	33	M	M
7/14/86	24.8	11.6	0.00		M	5.44	97	66	943	470	24.0	15.4	19.3	15.2	0.87	0.71	134	35	37	M	M
7/15/86	26.0	13.2	0.00		M	4.67	95	73	958	480	24.5	16.5	20.0	16.5	1.06	0.91	124	30	14	M	M
7/16/86 *	26.1	14.4	0.00		M	M	M	M	974	490	M	M	M	M	M	M	M	M	M	M	
7/17/86 *	32.2	14.4	0.00		M	M	M	M	993	503	M	M	M	M	M	M	M	M	M	M	
7/18/86 *	31.7	18.9	3.30		M	M	M	M	1014	519	M	M	M	M	M	M	M	M	M	M	
7/19/86 *	27.8	18.3	0.00		M	M	M	M	1032	532	M	M	M	M	M	M	M	M	M	M	
7/20/86 *	25.6	15.6	0.00		M	M	M	M	1048	542	M	M	M	M	M	M	M	M	M	M	
7/21/86	26.8	12.3	0.00		M	7.65	94	40	1063	552	29.8	17.9	23.9	18.6	1.17	0.70	228	51	31	M	M
7/22/86	30.5	17.6	0.00		M	8.28	89	39	1083	566	33.1	19.7	25.7	19.7	1.10	0.64	238	53	0	M	M
7/23/86	30.1	18.9	14.73		M	5.39	92	63	1103	580	30.1	21.8	24.6	21.3	1.76	1.50	155	31	6	M	M
7/24/86	29.2	17.6	1.27		M	5.14	93	55	1122	594	28.9	21.1	23.6	19.5	0.77	0.39	271	57	20	M	M
7/25/86	26.4	13.4	0.00		M	8.56	94	41	1138	604	30.1	18.0	24.2	17.8	0.66	0.41	339	50	19	M	M
7/26/86	25.0	13.0	10.41		M	4.90	94	65	1152	613	26.6	18.3	22.4	17.9	1.05	0.88	137	32	28	M	M
7/27/86	24.9	15.4	0.51		M	4.22	94	69	1168	623	25.4	18.8	21.6	17.9	0.87	0.46	68	56	53	M	M
7/28/86	26.4	15.2	0.00		M	5.55	96	68	1184	634	27.1	18.8	21.4	18.3	1.02	0.64	157	50	50	M	M
7/29/86	30.4	13.6	0.00		M	7.49	94	42	1202	645	30.3	17.9	21.9	17.3	0.54	0.31	170	52	30	M	M
7/30/86	28.1	15.6	0.00		M	5.37	92	49	1219	657	29.7	20.3	23.3	18.7	0.68	0.17	260	70	38	M	M
7/31/86	22.9	11.8	0.25		M	6.80	94	49	1232	665	27.2	17.9	21.9	17.7	1.09	0.71	291	48	9	M	M

MONTHLY	MEAN 26.1	MEAN 14.3	TOTAL 138.67	TOTAL M	MEAN M	MN. M	MN. M	TOTL 490	TOT 318	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
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GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
8/ 1/86	23.5	11.5	0.00		M	6.75	94	44	1245	672	28.2	17.1	22.6	18.2	1.20	0.74	298	50	37	M	M
8/ 2/86	21.8	10.6	2.29		M	6.62	94	46	1257	678	27.2	17.1	22.1	17.8	1.36	1.05	321	38	38	M	M
8/ 3/86	24.8	12.6	0.00		M	7.33	94	47	1271	687	27.6	16.9	22.2	17.7	0.67	0.33	278	57	37	M	M
8/ 4/86	26.0	12.9	1.78		M	4.26	94	58	1286	697	26.6	17.2	21.3	17.6	0.54	0.13	206	71	68	M	M
8/ 5/86	28.6	10.7	0.00		M	6.17	95	57	1301	706	28.5	15.9	22.5	16.7	0.49	0.19	111	63	33	M	M
8/ 6/86	20.3	14.9	3.05		M	1.97	93	88	1315	714	22.0	19.2	20.7	18.3	2.01	1.75	133	29	36	M	M
8/ 7/86	24.0	14.8	5.59		M	4.51	93	66	1330	723	24.8	17.8	20.8	17.1	1.07	0.44	179	62	64	M	M
8/ 8/86	26.8	14.1	0.00		M	6.75	92	42	1346	734	25.7	16.5	21.4	16.9	0.60	0.38	288	49	42	M	M
8/ 9/86	28.2	12.2	2.03		M	4.92	93	54	1361	744	26.1	16.6	21.3	16.5	1.04	0.61	330	52	55	M	M
8/10/86	18.9	8.4	0.00		M	7.07	94	45	1371	748	24.6	15.4	20.2	16.1	1.78	1.52	331	31	26	M	M
8/11/86	22.2	6.2	0.00		M	6.48	95	42	1380	752	25.0	13.5	19.2	15.1	0.65	0.23	329	65	45	M	M
8/12/86	23.4	7.0	0.00		M	5.64	94	55	1391	757	25.7	14.1	20.3	15.0	1.24	1.13	152	25	30	M	M
8/13/86	19.2	15.2	24.13		M	1.17	93	87	1404	764	20.0	17.2	19.2	16.3	2.04	1.81	149	27	31	M	M
8/14/86	21.0	14.0	1.27		M	2.47	92	83	1417	772	21.9	17.5	18.9	16.4	1.19	0.46	161	63	65	M	M
8/15/86	29.7	12.1	0.00		M	7.26	94	40	1433	783	27.2	15.5	19.9	15.2	0.60	0.38	167	50	30	M	M
8/16/86	25.3	16.1	0.00		M	5.66	92	40	1450	793	25.7	19.2	21.5	17.8	0.68	0.32	346	59	11	M	M
8/17/86	22.4	11.0	0.00		M	7.66	93	42	1462	800	27.5	16.3	21.9	17.0	0.95	0.75	341	37	13	M	M
8/18/86	25.2	8.3	0.00		M	7.17	94	44	1474	807	28.5	15.4	22.2	15.6	0.53	0.35	133	48	47	M	M
8/19/86	28.0	11.9	0.00		M	6.79	93	48	1490	817	28.8	16.6	22.5	16.6	1.17	1.04	154	27	31	M	M
8/20/86	21.9	11.8	4.83		M	5.18	92	44	1502	824	24.2	16.2	20.7	16.9	1.32	0.69	318	56	11	M	M
8/21/86	21.6	6.8	0.25		M	6.83	94	40	1512	828	25.2	13.0	19.0	14.5	0.60	0.21	112	65	15	M	M
8/22/86	13.6	11.4	13.46		M	0.66	94	78	1520	830	17.5	14.5	17.2	14.2	2.34	1.08	66	59	74	M	M
8/23/86	22.4	9.8	0.00		M	6.52	93	51	1532	836	23.4	13.1	17.7	13.2	0.76	0.47	318	50	48	M	M
8/24/86	17.1	9.2	0.00		M	1.98	93	83	1540	840	17.5	13.4	16.0	13.8	1.49	1.39	152	21	37	M	M
8/25/86	25.4	15.4	0.25		M	6.82	91	48	1556	850	25.6	15.9	18.9	14.5	0.86	0.47	299	55	7	M	M
8/26/86	15.5	4.1	0.00		M	4.17	93	57	1562	850	20.0	12.8	17.5	14.5	1.90	1.69	338	27	10	M	M
8/27/86	14.1	2.4	0.25		M	4.54	95	52	1566	850	17.2	10.7	14.5	12.1	1.04	0.63	336	51	48	M	M
8/28/86	19.1	0.0	0.00		M	7.07	96	32	1571	850	22.8	8.7	17.0	10.6	0.58	0.12	213	72	45	M	M
8/29/86	21.8	5.8	0.00		M	6.55	94	46	1580	854	24.3	11.1	18.4	12.0	0.76	0.54	165	44	33	M	M
8/30/86	24.0	8.7	0.00		M	5.84	94	62	1592	860	25.5	13.7	19.4	13.5	1.45	1.30	145	26	31	M	M
8/31/86	24.1	16.5	12.19		M	3.46	91	73	1608	870	24.5	17.4	19.3	16.7	1.10	0.95	154	30	40	M	M
MONTHLY	MEAN 22.6	MEAN 10.5	TOTAL 71.37	TOTAL M	MEAN 5.36	MN. 93	MN. 55	TOTL 376	TOT 206	MEAN 24.5	MEAN 15.4	MEAN 19.9	MEAN 15.6	MEAN 1.10	MEAN 0.75	MEAN 226	MN. 47	MN. 37	MEAN M	MEAN M	
9/ 1/86	21.3	12.0	9.65		M	1.44	92	85	1620	877	21.1	16.7	17.5	16.3	1.51	1.23	98	35	86	M	M
9/ 2/86	20.1	11.8	16.00		M	2.40	95	82	1632	883	19.4	15.2	16.3	14.5	3.22	2.84	138	28	61	M	M
9/ 3/86	24.0	14.1	1.27		M	3.63	90	67	1646	892	23.1	16.7	17.4	14.8	1.57	0.79	193	57	46	M	M
9/ 4/86	17.6	9.8	2.29		M	4.42	91	58	1655	896	19.6	13.3	17.0	14.2	1.63	1.26	284	38	49	M	M
9/ 5/86	14.8	6.7	0.00		M	5.90	91	46	1662	896	19.0	11.6	16.0	13.1	2.20	1.72	318	38	0	M	M
9/ 6/86	14.0	1.7	0.00		M	4.85	94	42	1665	896	16.9	9.9	13.8	11.2	1.41	1.05	326	41	11	M	M
9/ 7/86	18.4	0.0	0.00		M	5.70	94	39	1670	896	18.6	7.6	14.8	9.5	0.94	0.42	269	60	20	M	M
9/ 8/86	20.5	6.3	0.00		M	5.70	92	36	1679	900	21.3	9.9	16.0	11.3	0.79	0.45	268	53	13	M	M
9/ 9/86	18.8	4.8	7.62		M	3.28	93	54	1686	902	18.5	10.3	14.9	11.2	1.47	1.24	109	32	71	M	M
9/10/86	12.6	10.9	13.46		M	0.69	92	89	1693	903	14.0	12.9	13.3	12.6	2.32	2.08	74	26	48	M	M
9/11/86	17.1	5.9	0.00		M	2.37	92	58	1700	905	16.6	11.3	14.0	11.8	1.20	0.58	18	58	54	M	M
9/12/86	16.7	4.5	10.67		M	2.97	93	70	1707	906	15.9	9.3	12.7	10.3	1.61	0.75	278	59	37	M	M
9/13/86	13.2	1.6	0.00		M	5.65	94	46	1710	906	17.6	7.3	13.7	9.6	0.97	0.72	338	41	9	M	M
9/14/86	11.3	6.1	0.00		M	1.98	84	64	1714	906	13.3	9.7	12.1	10.5	0.82	0.62	75	40	0	M	M
9/15/86	15.5	2.5	0.00		M	5.90	94	39	1718	906	17.3	8.3	13.6	9.7	1.09	0.60	34	55	17	M	M
9/16/86	14.4	0.6	20.83		M	4.05	94	46	1721	906	15.0	6.9	12.0	8.5	2.66	2.28	138	31	52	M	M
9/17/86	13.5	8.5	0.76		M	0.74	93	90	1728	907	13.2	10.3	11.7	9.1	1.64	1.06	162	48	81	M	M
9/18/86	15.1	9.6	0.00		M	2.07	91	75	1736	909	15.5	11.5	13.1	11.2	1.31	0.86	354	48	34	M	M
9/19/86	10.9	7.8	20.83		M	0.67	92	86	1741	909	11.5	10.0	12.0	9.9	3.61	3.44	79	17	66	M	M
9/20/86	13.7	7.9	0.00		M	1.42	92	87	1747	910	13.7	9.9	11.9	9.7	1.99	1.69	88	31	35	M	M
9/21/86	15.1	10.9	3.30		M	0.90	91	89	1756	913	14.9	12.0	12.7	11.3	2.80	2.48	99	27	48	M	M
9/22/86	19.6	9.6	0.00		M	4.64	90	51	1766	917	20.2	12.4	15.3	11.9	1.06	0.64	278	51	31	M	M
9/23/86	21.9	7.6	0.00		M	5.12	92	41	1776	922	18.9	11.0	14.8	11.0	1.18	0.76	242	48	15	M	M
9/24/86	24.4	5.6	6.60		M	4.60	92	38	1787	927	19.4	9.7	15.1	9.5	1.22	1.04	129	31	39	M	M
9/25/86	24.8	11.9	0.25		M	2.98	91	35	1801	935	20.1	13.7	15.6	11.8	3.38	3.08	109	24	46	M	M
9/26/86	16.9	11.9	0.00		M	1.21	91	86	1811	940	16.2	13.6	14.3	13.2	3.84	3.60	102	20	44	M	M
9/27/86	23.5	8.8	0.00		M	3.84	91	41	1822	946	20.2	12.9	15.9	11.3	1.						

G R A N D R A P I D S

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
10/ 1/86	19.3	2.7	0.00		M	2.83	92	42	1847	949	15.9	7.9	12.6	8.7	0.51	0.28	124	54	42	M	M
10/ 2/86	18.8	8.4	1.78		M	2.34	91	67	1856	953	16.2	10.2	13.0	10.5	1.37	0.51	147	64	48	M	M
10/ 3/86	9.3	5.1	0.00		M	1.62	91	70	1859	953	12.6	8.1	12.4	8.7	2.54	2.07	354	35	11	M	M
10/ 4/86	12.8	3.9	0.76		M	2.63	90	59	1862	953	12.8	7.5	10.7	7.9	0.87	0.52	204	52	8	M	M
10/ 5/86	10.4	-1.9	0.00		M	3.30	93	47	1862	953	11.1	5.1	10.3	7.2	2.38	1.94	327	35	5	M	M
10/ 6/86	14.4	-2.2	0.25		M	1.71	93	63	1864	953	10.8	4.1	8.8	5.7	0.73	0.54	158	41	15	M	M
10/ 7/86	20.3	6.0	0.25		M	2.12	92	61	1873	956	14.6	6.9	11.2	6.6	1.50	0.97	341	48	25	M	M
10/ 8/86	7.8	-2.1	0.25		M	2.14	89	66	1873	956	10.9	4.8	10.5	7.0	1.64	1.43	340	29	0	M	M
10/ 9/86	9.2	-5.3	0.00		M	4.39	93	34	1873	956	11.5	2.7	8.7	4.6	0.51	0.23	149	60	1	M	M
10/10/86	7.8	-0.7	2.03		M	0.36	92	66	1873	956	7.5	3.5	6.8	5.0	2.47	1.89	159	39	51	M	M
10/11/86	5.6	2.0	3.56		M	1.12	92	76	1873	956	7.4	5.4	6.7	5.9	2.57	2.29	342	26	35	M	M
10/12/86	2.1	-0.7	3.30		M	0.51	93	87	1873	956	5.4	3.0	5.0	4.0	2.38	2.08	344	29	53	M	M
10/13/86	4.2	-0.8	2.54		M	1.33	93	71	1873	956	7.1	2.9	5.1	3.7	0.58	0.37	308	49	22	M	M
10/14/86	10.1	0.6	0.00		M	3.40	93	41	1874	956	10.7	3.2	7.5	3.7	1.65	1.31	333	37	38	M	M
10/15/86	8.1	1.4	0.00		M	2.15	89	64	1874	956	8.9	4.4	7.0	5.2	1.14	0.66	247	52	0	M	M
10/16/86	9.9	-0.2	0.00		M	2.73	92	67	1874	956	10.7	4.1	8.0	5.1	0.75	0.43	46	53	35	M	M
10/17/86	6.9	-1.0	0.00		M	1.44	92	80	1874	956	8.4	3.9	6.7	4.6	1.66	1.51	148	24	13	M	M
10/18/86	15.3	-0.2	0.00		M	3.65	93	60	1878	956	11.9	2.7	8.0	3.9	1.07	0.96	156	26	34	M	M
10/19/86	20.6	2.6	0.00		M	3.45	92	46	1885	957	14.0	4.4	9.5	4.9	0.52	0.43	158	35	37	M	M
10/20/86	19.8	2.8	0.00		M	3.21	91	34	1892	959	14.9	6.4	10.5	6.3	0.51	0.07	352	76	52	M	M
10/21/86	21.9	-0.1	0.00		M	3.59	91	27	1898	960	15.1	4.6	10.3	5.6	0.46	0.21	142	60	40	M	M
10/22/86	20.7	8.1	0.00		M	2.85	89	60	1908	964	15.9	8.3	11.4	8.0	0.62	0.29	257	58	13	M	M
10/23/86	10.7	5.9	0.00		M	0.58	91	83	1912	964	11.1	8.6	10.6	8.8	1.01	0.61	92	51	29	M	M
10/24/86	9.8	4.8	0.00		M	1.61	90	66	1915	964	10.9	7.5	8.9	7.7	0.65	0.53	131	35	0	M	M
10/25/86	12.4	5.4	0.00		M	1.50	91	76	1919	964	12.0	7.7	9.4	7.5	0.46	0.29	139	49	11	M	M
10/26/86	14.3	2.9	0.00		M	1.80	91	57	1923	964	13.1	6.5	9.9	6.6	0.48	0.33	159	45	17	M	M
10/27/86	16.7	-0.7	0.00		M	3.23	91	48	1927	964	13.4	4.3	9.5	5.5	0.56	0.09	171	74	36	M	M
10/28/86	12.6	2.5	0.00		M	0.53	89	73	1930	964	9.1	5.8	8.0	6.5	1.69	1.25	329	42	1	M	M
10/29/86	5.0	-2.8	0.00		M	1.82	92	59	1930	964	7.4	3.1	6.5	4.4	1.08	0.83	326	39	18	M	M
10/30/86	11.5	-4.6	0.51		M	1.40	84	66	1930	964	6.3	1.9	5.3	2.9	2.86	2.51	139	28	3	M	M
10/31/86	11.4	-3.8	0.00		M	0.76	87	66	1930	964	7.6	2.7	6.5	4.0	2.78	1.11	281	63	21	M	M
MONTHLY	MEAN 12.2	MEAN 1.2	TOTAL 15.23	TOTAL M	MEAN 2.13	MN. 91	MN. 61	TOTL 90	TOT 16	MEAN 11.1	MEAN 5.2	MEAN 8.9	MEAN 6.0	MEAN 1.29	MEAN 0.92	MN. 223	MN. 45	MN 23	MEAN M	MEAN M	

L A M B E R T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
4/ 1/86	16.0	0.4	0.00		M	6.25	80	26	0	3	14.0	4.4	9.5	6.0	2.79	1.63	305	52	0	0.60	0.57
4/ 2/86	15.4	1.7	7.62		M	3.52	82	45	0	6	10.4	4.4	8.4	5.8	5.34	5.03	131	19	0	0.76	0.36
4/ 3/86	7.1	3.3	0.51		M	0.74	81	78	0	6	7.6	5.5	7.2	6.0	6.09	5.67	69	21	0	0.70	0.17
4/ 4/86	8.4	3.1	33.53		M	0.47	83	78	0	6	6.6	4.8	6.0	5.1	5.78	5.61	84	14	0	0.72	0.17
4/ 5/86	9.6	6.5	0.25		M	1.19	82	78	0	6	8.5	6.5	7.1	5.8	4.83	2.45	227	57	0	0.84	0.22
4/ 6/86	18.9	3.7	0.00		M	4.51	80	47	1	10	13.2	5.5	9.3	5.9	3.67	3.19	241	29	0	0.91	0.42
4/ 7/86	16.6	5.3	0.00		M	6.46	77	37	2	13	13.8	6.8	10.0	7.2	4.64	3.44	312	41	0	0.79	0.59
4/ 8/86	11.5	2.9	0.00		M	6.52	79	43	2	14	11.2	4.6	8.9	6.3	6.76	6.51	329	15	0	0.63	0.39
4/ 9/86	13.8	-0.6	0.00		M	6.69	81	32	2	16	12.5	2.9	8.7	4.9	3.59	2.97	320	33	4	0.56	0.45
4/10/86	19.2	-1.0	0.00		M	6.69	82	19	2	21	15.9	3.2	10.5	5.3	1.98	1.24	287	49	4	0.56	0.72
4/11/86	23.0	1.5	1.52		M	6.50	81	22	5	27	15.7	5.3	11.1	6.9	3.07	2.57	205	33	15	0.74	0.91
4/12/86	10.2	-1.9	0.00		M	2.29	82	77	5	27	11.3	3.5	10.5	5.8	6.78	6.59	324	14	28	0.52	0.13
4/13/86	11.8	-2.1	20.83		M	2.42	84	67	5	28	7.9	2.6	6.8	4.4	5.42	3.67	89	46	25	0.70	0.20
4/14/86	9.4	-1.0	3.05		M	1.99	83	75	5	28	7.4	4.7	6.8	6.0	5.84	2.85	111	58	44	0.61	0.15
4/15/86	8.5	0.1	0.00		M	3.95	83	77	5	28	8.7	3.5	6.6	4.7	7.87	7.68	327	13	31	0.61	0.15
4/16/86	14.3	-0.8	0.00		M	6.24	85	43	5	30	14.9	3.7	9.7	4.8	2.21	0.83	48	64	0	0.63	0.38
4/17/86	11.6	4.1	5.84		M	2.41	79	71	5	31	9.2	6.0	8.7	6.8	5.90	5.72	130	14	0	0.83	0.27
4/18/86	13.0	6.8	3.81		M	0.55	80	71	5	33	8.9	7.1	7.8	7.1	6.99	5.62	158	36	51	0.91	0.25
4/19/86	17.5	5.4	0.00		M	6.33	82	31	6	36	13.5	6.4	9.9	6.9	6.67	6.23	265	21	9	0.78	0.49
4/20/86	12.2	-0.4	0.00		M	5.51	82	52	6	38	12.1	5.6	9.3	6.9	6.03	5.10	325	32	0	0.68	0.30
4/21/86	8.4	-1.1	0.00		M	6.19	82	44	6	38	11.4	3.5	8.3	5.4	4.96	4.34	348	29	0	0.47	0.28
4/22/86	16.0	-3.7	0.00		M	7.15	84	31	6	40	11.7	2.8	8.5	4.9	4.83	4.60	186	18	2	0.54	0.56
4/23/86	24.9	7.0	11.68		M	6.50	60	35	12	48	14.5	5.7	10.5	6.6	9.77	9.61	188	11	0	0.90	1.05
4/24/86	16.6	9.0	0.00		M	2.13	81	60	15	51	12.3	10.0	10.4	9.5	4.73	3.15	345	47	20	1.04	0.32
4/25/86	26.6	6.4	9.91		M	3.79	81	48	21	60	15.3	8.7	11.8	8.9	4.49	1.73	106	63	5	1.17	0.44
4/26/86	18.9	6.6	38.10		M	2.40	80	74	24	64	13.8	M	11.5	9.7	3.57	2.89	41	35	34	1.09	0.31
4/27/86	11.2	4.4	12.70		M	1.28	84	76	24	65	12.7	9.3	11.5	10.2	3.53	3.35	321	18	99	0.83	0.21
4/28/86	12.8	3.1	17.27		M	2.91	80	65	24	66	10.7	6.7	10.0	7.8	6.49	5.79	314	26	33	0.75	0.24
4/29/86	20.1	8.1	0.00	7.62		3.72	79	60	28	71	14.3	7.7	11.5	8.2	4.60	2.01	127	61	29	1.18	0.48
4/30/86	17.1	8.4	0.00	2.03		6.72	79	38	31	75	16.6	10.4	13.2	10.5	5.08	3.36	285	47	34	0.96	0.56

MONTHLY	MEAN 14.7	MEAN 2.8	TOTAL 166.62	TOTAL M	MEAN 4.13	MN. 81	MN. 53	TOTL 31	TOT 75	MEAN 11.9	MEAN M	MEAN 9.3	MEAN 6.7	MEAN 5.14	MEAN 4.18	MN. 218	MN. 34	MN 16	MEAN 0.77	MEAN 0.39
5/ 1/86	8.9	0.2	0.00	2.29	5.17	82	54	31	75	12.3	6.9	11.8	9.0	5.95	5.33	323	26	0	0.65	0.27
5/ 2/86	14.7	9.3	0.00	6.86	0.76	85	45	33	77	16.7	11.4	11.8	9.8	0.90	0.76	111	32	1	0.83	0.52
5/ 3/86	19.8	7.8	0.00	8.38	6.15	86	57	37	82	16.6	9.1	12.9	9.6	4.70	4.30	163	24	0	1.08	0.52
5/ 4/86	27.3	11.9	0.00	8.38	7.32	81	51	46	91	19.2	10.6	14.8	10.7	9.34	9.15	192	11	0	1.53	0.93
5/ 5/86	25.8	10.6	0.00	11.43	7.29	82	33	54	100	19.0	13.2	15.4	13.2	8.16	7.12	221	29	0	1.23	1.09
5/ 6/86	17.5	5.6	0.00	7.62	7.80	83	47	56	103	18.3	10.0	14.6	11.4	6.33	5.21	269	34	0	0.85	0.63
5/ 7/86	15.0	4.7	1.78	M	3.47	86	66	56	106	14.5	8.9	13.1	10.5	5.05	4.41	53	29	9	0.95	0.30
5/ 8/86	22.8	8.5	9.65	M	3.16	97	63	62	112	16.4	10.5	13.3	10.9	6.86	5.90	78	30	42	1.43	0.30
5/ 9/86	24.1	14.3	1.52	3.81	4.45	96	70	71	122	19.1	13.3	15.6	12.7	6.43	6.03	141	20	30	1.85	0.28
5/10/86	18.4	12.9	0.76	1.78	1.96	99	83	76	127	16.5	14.5	15.2	14.0	3.91	2.85	133	42	32	1.72	0.14
5/11/86	26.1	11.7	0.00	5.84	6.26	100	47	85	136	22.7	13.8	17.9	13.6	2.99	2.38	146	37	44	1.60	0.54
5/12/86	26.9	13.6	1.02	0.25	2.61	96	44	96	146	20.0	14.9	17.0	15.1	3.68	0.86	268	71	33	1.70	0.31
5/13/86	21.4	10.1	0.00	5.59	6.02	96	40	101	152	21.1	13.0	17.2	13.8	2.77	1.84	335	47	10	1.21	0.57
5/14/86	27.6	8.1	7.87	M	6.72	97	44	109	161	22.4	12.2	17.8	13.5	4.75	4.26	183	26	23	1.42	0.69
5/15/86	21.4	10.8	0.00	2.03	3.72	99	76	115	167	19.8	14.3	16.6	14.6	2.16	1.86	340	30	56	1.54	0.16
5/16/86	13.2	7.9	0.00	1.02	1.54	100	66	116	169	15.6	11.3	16.0	12.9	3.07	2.73	331	27	40	1.13	0.23
5/17/86	16.5	5.2	0.00	5.84	7.05	91	47	117	172	17.7	9.0	14.8	11.1	4.79	4.30	340	26	0	0.89	0.46
5/18/86	18.0	2.4	0.00	5.84	8.14	97	34	117	176	21.1	9.0	16.4	11.1	3.63	3.04	1	33	0	0.79	0.61
5/19/86	20.1	4.3	0.00	6.10	8.10	91	28	119	181	22.8	10.5	17.7	12.2	2.95	2.61	60	27	2	0.77	0.78
5/20/86	22.0	3.4	0.00	7.62	8.15	90	19	122	187	24.4	11.2	18.8	13.0	2.47	2.06	84	33	6	0.71	0.92
5/21/86	22.8	2.9	0.00	7.62	8.24	81	19	125	193	24.9	11.8	19.4	13.7	2.77	2.13	92	39	0	0.63	1.11
5/22/86	24.1	3.4	0.00	8.64	7.79	76	20	128	200	24.3	12.5	19.2	14.2	4.09	3.77	101	23	0	0.67	1.21
5/23/86	16.8	6.0	5.59	M	1.89	99	53	130	204	17.4	12.4	17.8	14.4	3.46	2.53	141	42	33	1.07	0.38
5/24/86	19.6	5.7	26.92	M	3.31	100	55	132	209	16.7	10.6	14.7	12.4	3.22	1.53	162	59	62	1.27	0.23
5/25/86	16.7	9.7	8.89	M	2.43	100	81	136	212	16.0	12.2	14.4	12.9	3.05	2.40	32	37	99	1.38	0.07
5/26/86	20.4	10.8	1.27	M	2.59	100	82	141	217	17.4	13.1	15.3	13.3	3.38	1.82	48	55	54	1.63	0.12
5/27/86	25.8	13.1	0.00	M	6.16	98	51	151	227	21.2	14.1	17.7	14.2	3.13	1.50	64	58	9	1.73	0.55
5/28/86	25.4	13.5	0.00	7.62	5.99	97	55	160	236	23.2	15.3	19.1	15.5	2.64	1.64	133	50	22	1.75	0.50
5/29/86	29.8	15.0	0.00	3.81	6.54	96	38	172	249	26.3	16.5	20.9	16.6	3.07	1.33	240	61	6	1.81	0.72
5/30/86	31.4	12.9	0.00	7.62	6.51	98	36	185	260	28.4	17.0	22.5	17.3	2.17	1.40	250	48	29	1.73	1.14
5/31/86	32.1	16.2	0.00	3.56	7.45	91	36	199	273	30.0	18.7	24.1	19.0	3.07	2.79	249	25	0	1.77	1.44

MONTHLY	MEAN 21.7	MEAN 8.8	TOTAL 65.27	TOTAL M	MEAN 5.31	MN. 93	MN. 50	TOTL 168	TOT 199	MEAN 20.1	MEAN 12.3	MEAN 16.6	MEAN 13.1	MEAN 4.03	MEAN 3.22	MN. 170	MN. 37	MN 21	MEAN 1.27	MEAN 0.57
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L A M B E R T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86	25.9	13.4	0.00	9.65	7.18	86	40	208	283	29.0	19.9	23.8	20.0	5.05	3.02	37	51	0	1.45	0.98
6/ 2/86	25.6	8.8	0.00	8.13	8.27	87	29	216	291	28.5	16.4	23.3	18.3	4.33	3.59	148	34	0	1.00	1.11
6/ 3/86	32.7	14.0	0.00	11.43	7.84	70	33	229	303	28.9	17.5	23.7	18.6	6.90	6.54	204	18	0	1.47	1.58
6/ 4/86	22.3	11.5	5.08	M	1.44	96	67	236	310	23.2	16.4	22.7	18.2	4.22	2.47	29	52	25	1.68	0.40
6/ 5/86	20.8	9.3	3.05	1.52	5.35	97	74	241	315	22.3	14.1	19.7	16.1	3.85	2.72	90	44	3	1.58	0.31
6/ 6/86	27.8	14.5	1.78	2.03	4.95	97	58	252	326	25.2	17.3	21.0	17.7	3.80	3.09	161	35	27	1.95	0.47
6/ 7/86	24.2	13.5	0.00	7.11	5.13	96	51	261	335	23.4	18.0	20.5	18.3	4.64	3.45	313	41	25	1.67	0.56
6/ 8/86	27.0	10.6	0.00	7.62	7.90	93	24	270	344	27.6	15.2	22.4	16.9	2.93	1.58	57	55	0	1.10	1.25
6/ 9/86	30.1	11.1	3.05	7.62	7.57	79	36	280	354	28.5	16.8	23.2	18.1	4.59	4.23	134	23	0	1.49	1.32
6/10/86	28.7	15.0	7.11	M	4.08	97	63	292	366	25.8	19.7	22.4	20.6	4.95	0.68	309	75	55	2.16	0.37
6/11/86	17.6	14.3	2.54	M	1.15	97	91	298	372	19.7	16.3	20.6	17.4	5.54	5.14	338	22	44	1.68	0.09
6/12/86	27.1	10.8	0.00	6.35	7.73	97	47	307	381	25.0	14.5	21.1	16.1	3.05	2.45	298	36	13	1.67	0.61
6/13/86	24.5	12.1	2.54	2.54	5.20	91	37	315	389	24.4	16.3	20.6	17.3	2.43	1.76	212	42	16	1.31	0.75
6/14/86	26.9	13.0	0.00	5.08	6.52	94	45	325	399	26.6	17.2	22.3	17.8	1.75	0.55	336	67	18	1.59	0.85
6/15/86	32.5	16.5	0.00	12.95	7.31	91	35	340	413	27.2	18.8	23.2	19.3	7.09	6.11	209	30	0	1.85	1.39
6/16/86	23.9	13.2	0.00	8.89	8.37	91	35	348	421	27.6	18.7	23.4	19.7	4.88	4.28	345	29	0	1.18	0.98
6/17/86	30.7	10.3	0.00	9.14	6.48	84	30	359	431	27.2	18.1	23.2	19.4	4.19	3.43	134	34	1	1.25	1.31
6/18/86	35.3	19.5	0.00	13.72	7.40	80	32	376	446	29.5	20.6	24.8	20.5	6.60	5.14	186	38	0	1.92	1.75
6/19/86	35.7	21.3	0.51	13.72	7.57	72	37	395	462	31.0	22.3	26.1	22.1	6.09	5.79	210	18	0	2.04	2.05
6/20/86	34.5	20.7	10.41	M	4.60	94	45	412	477	29.3	22.6	25.1	23.0	4.49	3.99	191	27	48	2.42	0.83
6/21/86	31.5	19.0	22.61	M	7.40	93	73	428	491	30.0	21.4	25.7	21.7	5.01	4.41	196	28	37	2.88	0.55
6/22/86	26.2	15.8	0.00	9.91	8.20	95	41	439	502	26.5	20.5	24.6	21.5	3.82	2.32	293	51	29	1.72	0.76
6/23/86	27.5	13.6	0.00	11.43	7.84	89	37	449	513	26.5	18.3	23.6	19.9	5.74	3.48	287	51	0	1.50	1.05
6/24/86	26.8	10.6	0.00	7.62	8.48	96	34	458	522	29.5	17.4	24.8	19.3	2.14	0.58	78	69	3	1.29	0.93
6/25/86	33.7	15.9	0.00	11.43	7.62	72	47	473	535	29.5	19.7	25.3	20.7	6.99	6.74	196	15	0	1.99	1.51
6/26/86	31.8	23.6	0.00	4.83	3.13	86	56	490	551	26.2	23.6	24.7	23.1	5.45	5.01	204	23	0	2.45	1.21
6/27/86	31.5	18.2	5.59	4.32	7.81	93	50	505	566	31.6	22.3	27.0	22.4	3.43	2.56	342	41	3	2.27	0.99
6/28/86	30.1	16.1	8.89	M	5.59	95	64	518	579	28.8	20.7	25.6	22.0	1.99	0.27	255	75	28	2.18	0.58
6/29/86	22.2	14.8	8.13	M	1.91	94	77	527	587	24.1	18.3	24.2	20.2	3.45	3.13	73	25	43	1.87	0.25
6/30/86	16.9	13.8	8.89	M	1.78	96	90	532	592	18.9	17.1	20.2	18.5	3.32	3.08	77	22	30	1.57	0.12

MONTHLY	MEAN 27.7	MEAN 14.5	TOTAL 90.18	TOTAL M	MEAN 6.06	MN. 90	MN. 49	TOTL 333	TOT 319	MEAN 26.7	MEAN 18.5	MEAN 23.3	MEAN 19.5	MEAN 4.42	MEAN 3.39	MN. 198	MN. 39	MN 15	MEAN 1.74	MEAN 0.90
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7/ 1/86	25.9	13.3	2.03	2.03	5.85	95	68	542	602	24.3	17.2	21.4	17.9	2.06	1.25	304	51	68	1.90	0.33
7/ 2/86	27.5	15.2	0.00	6.35	8.04	94	49	553	613	26.6	18.0	23.2	19.0	2.65	2.01	328	40	17	1.83	0.68
7/ 3/86	29.5	14.4	0.00	9.40	8.10	93	59	565	625	27.6	18.8	24.0	19.8	4.77	4.48	176	20	26	2.22	0.77
7/ 4/86	33.1	24.4	0.00	8.64	6.40	82	64	584	643	29.5	22.7	25.8	22.2	6.30	5.87	201	21	0	2.89	1.09
7/ 5/86	32.2	17.5	18.03	M	4.35	93	66	599	656	28.1	21.8	25.3	23.0	6.09	4.61	206	40	28	2.58	0.67
7/ 6/86	29.0	13.5	0.00	5.08	6.84	94	34	610	668	27.0	19.1	24.0	20.6	1.62	1.07	227	47	19	1.70	0.88
7/ 7/86	29.3	13.7	0.00	7.11	8.20	94	41	621	679	29.3	19.6	25.4	20.8	2.33	1.72	152	42	24	1.95	0.92
7/ 8/86	27.6	18.6	7.62	M	3.82	93	83	634	692	26.3	22.3	24.6	22.5	2.52	0.88	77	65	49	2.39	0.27
7/ 9/86	27.3	16.9	0.00	5.59	7.15	93	64	647	704	28.3	20.9	24.9	21.6	2.55	2.19	66	30	9	2.13	0.52
7/10/86	25.4	18.5	3.56	M	4.43	92	80	658	716	26.5	21.6	24.1	22.0	3.37	3.08	116	24	29	2.19	0.27
7/11/86	28.5	16.3	10.16	M	6.08	93	67	671	729	28.4	21.0	24.9	21.4	2.68	0.74	309	69	60	2.08	0.41
7/12/86	25.4	14.6	4.32	M	5.96	93	60	681	739	25.8	19.8	23.2	20.8	3.31	2.19	258	47	48	1.87	0.47
7/13/86	27.8	13.7	0.00	4.83	8.00	93	56	692	749	28.5	17.9	24.6	19.6	2.91	1.96	284	46	9	1.89	0.62
7/14/86	31.8	16.2	3.05	3.81	6.51	93	69	706	762	29.5	20.2	25.4	21.0	2.83	1.63	151	53	43	2.45	0.50
7/15/86	29.5	17.8	26.16	M	4.66	92	79	719	776	27.8	21.3	24.8	20.8	2.56	2.03	136	37	62	2.59	0.39
7/16/86	32.6	21.6	0.00	7.62	6.82	90	67	736	792	30.5	22.7	26.4	22.8	3.94	3.79	183	16	17	2.85	0.73
7/17/86	32.7	24.0	0.00	11.94	7.70	87	65	755	809	31.9	23.7	27.7	23.7	5.81	5.67	194	13	0	2.92	0.89
7/18/86	34.7	22.1	26.92	M	7.06	90	61	773	825	34.6	24.9	29.4	24.9	2.39	0.59	195	70	5	3.06	0.83
7/19/86	27.4	17.4	0.00	8.38	7.30	92	57	785	837	29.0	23.5	28.5	24.9	3.90	3.10	321	37	41	2.19	0.61
7/20/86	23.3	15.5	0.00	5.33	6.82	92	63	795	847	26.9	20.5	24.9	22.1	3.54	3.09	316	29	0	1.81	0.42
7/21/86	26.7	11.5	0.00	4.06	6.61	93	48	804	856	28.7	19.4	25.3	21.1	2.26	2.05	219	25	40	1.71	0.62
7/22/86	29.6	16.0	0.00	7.62	7.72	91	57	817	869	30.1	21.0	26.4	22.0	3.51	3.27	198	21	25	2.20	0.75
7/23/86	31.6	19.9	0.00	7.37	7.35	90	61	833	884	30.2	22.8	26.7	23.3	6.17	5.98	184	14	0	2.59	0.84
7/24/86	30.7	21.7	1.27	3.56	4.28	90	70	849	899	28.8	24.3	26.1	24.3	3.46	1.70	240	58	21	2.65	0.50
7/25/86	27.4	17.0	5.59	1.02	7.40	92	58	861	912	30.7	22.2	27.0	23.0	2.17	1.48	346	46	32	2.10	0.63
7/26/86	29.9	16.7	2.54	2.03	4.36	91	70	874	925	27.5	22.3	25.9	23.2	3.08	2.29	158	41	51	2.34	0.49
7/27/86	28.4	17.3	0.00	2.29	5.01	91	76	887	938	27.3	21.7	24.9	22.4	2.12	0.63	328	68	52	2.36	0.39
7/28/86	30.8	14.6	0.00	5.59	6.03	92	65	900	950	29.8	21.3	26.1	22.2	1.45	0.61	68	62	50	2.27	0.53
7/29/86	29.0	12.5	61.98	M	6.15	92	64	910	961	28.4	21.3	25.7	22.4	2.54	2.09	147	34	43	2.20	0.62
7/30/86	26.9	15.6	1.02	6.35	5.30	92	73	922	972	26.2	21.1	25.1	22.1	3.38	1.36	348	63	39	2.21	0.44
7/31/86	25.6	13.4	0.00	5.08	6.83	91	55	931	981	24.8	19.7	23.7	21.1	2.48	2.02	301	35	24	1.71	0.61

MONTHLY	MEAN 28.9	MEAN 16.8	TOTAL 174.25	TOTAL M	MEAN 6.36	MN. 92	MN. 63	TOTL 399	TOT 389	MEAN 28.4	MEAN 21.1	MEAN 25.3	MEAN 21.9	MEAN 3.25	MEAN 2.43	MN. 217	MN. 41	MN 30	MEAN 2.25	MEAN 0.60
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L A M B E R T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	27.1	11.9	2.03	3.56	6.19	92	58	941	991	24.1	18.9	22.7	20.4	2.48	1.78	230	43	41	1.74	0.50
8/ 2/86	22.7	11.2	0.00	5.08	6.50	92	62	948	998	22.3	17.6	21.9	19.5	3.14	2.65	308	32	10	1.49	0.45
8/ 3/86	27.4	9.6	0.00	4.83	7.08	93	43	956	1007	25.2	16.9	22.7	18.7	1.93	1.44	251	41	35	1.51	0.72
8/ 4/86	26.7	12.6	0.00	6.35	7.22	91	65	966	1016	26.4	18.7	23.7	20.0	3.17	3.02	196	18	39	1.88	0.52
8/ 5/86	30.6	12.6	0.00	4.83	6.32	92	55	977	1027	27.9	19.9	24.6	20.9	1.40	1.00	179	44	48	1.97	0.58
8/ 6/86	26.9	15.1	0.00	3.81	6.27	91	68	988	1038	27.6	21.3	24.8	21.9	2.28	2.05	180	26	46	2.01	0.47
8/ 7/86	26.3	15.4	0.00	5.59	6.91	90	61	999	1049	26.8	21.6	24.7	22.1	2.79	1.45	304	56	21	1.89	0.58
8/ 8/86	29.0	12.7	0.00	7.62	7.22	91	42	1010	1060	27.5	20.2	24.9	21.4	2.41	1.85	269	39	13	1.71	0.91
8/ 9/86	27.8	15.3	14.48	M	6.69	91	60	1022	1072	26.9	21.2	24.6	21.9	4.15	3.22	224	38	26	1.92	0.57
8/10/86	18.5	8.9	0.00	7.62	6.73	91	63	1025	1076	21.7	18.4	23.1	20.3	3.83	3.41	319	27	48	1.35	0.34
8/11/86	24.5	6.8	0.00	3.56	6.90	92	48	1031	1083	24.6	15.8	22.1	18.0	1.74	0.69	167	63	35	1.34	0.63
8/12/86	23.9	14.8	0.76	4.06	5.15	90	74	1040	1093	24.3	19.7	22.3	20.2	3.78	3.36	162	27	7	1.84	0.38
8/13/86	23.4	16.9	0.51	2.54	2.46	91	80	1050	1103	22.3	20.3	21.8	20.6	2.61	2.41	158	23	47	1.98	0.30
8/14/86	26.2	15.3	0.00	6.10	6.29	90	62	1061	1113	24.4	19.4	22.7	20.0	2.80	2.37	269	32	53	1.95	0.55
8/15/86	29.4	14.5	0.00	5.59	6.97	90	53	1073	1125	26.6	19.7	23.9	20.4	3.17	2.92	194	23	31	2.09	0.79
8/16/86	32.7	17.0	17.02	M	6.52	91	60	1088	1139	28.8	21.7	25.3	21.9	3.67	1.47	202	63	8	2.55	0.75
8/17/86	26.3	14.4	0.00	5.59	6.77	90	55	1098	1149	26.2	20.9	24.7	21.9	2.11	1.47	15	45	57	1.82	0.55
8/18/86	27.1	11.6	0.00	4.06	5.89	90	54	1108	1158	26.1	19.8	23.7	20.9	1.68	1.44	143	30	56	1.72	0.62
8/19/86	27.6	16.1	0.00	5.84	5.64	89	71	1119	1170	26.3	20.8	23.8	21.3	3.36	3.18	175	19	16	2.14	0.48
8/20/86	20.9	11.4	14.73	M	1.30	89	78	1126	1176	23.0	18.4	23.2	20.4	2.91	0.06	133	80	49	1.82	0.29
8/21/86	22.0	7.9	0.25	3.30	5.65	91	57	1131	1183	21.7	15.6	20.4	17.8	2.12	1.41	71	47	4	1.36	0.44
8/22/86	26.8	12.5	0.00	2.79	3.02	90	68	1140	1192	21.8	18.2	20.5	18.9	4.63	2.00	240	61	32	1.83	0.35
8/23/86	25.0	9.5	0.00	5.33	6.05	91	55	1147	1200	23.3	16.0	21.2	17.6	1.89	0.94	313	57	49	1.47	0.48
8/24/86	19.0	11.5	1.02	M	1.28	90	85	1153	1205	19.9	17.4	20.6	18.5	2.92	2.64	158	25	50	1.62	0.23
8/25/86	31.0	18.2	43.43	M	5.96	89	63	1167	1219	26.2	18.1	22.8	18.4	2.85	0.62	260	72	33	2.39	0.63
8/26/86	20.3	8.5	0.00	3.81	3.74	90	64	1172	1224	23.1	16.6	22.6	18.9	4.03	3.20	343	37	42	1.50	0.31
8/27/86	17.5	5.3	0.00	3.56	5.61	91	44	1173	1228	18.2	13.8	18.9	16.3	2.59	2.02	334	38	16	0.93	0.41
8/28/86	20.0	5.1	0.00	3.81	5.25	91	42	1176	1233	19.1	13.3	18.0	15.5	2.29	1.64	222	43	33	1.01	0.50
8/29/86	20.4	7.8	0.00	3.81	3.68	89	61	1180	1238	18.7	14.6	17.8	15.9	3.73	3.46	167	22	0	1.31	0.47
8/30/86	27.0	15.0	0.00	5.84	5.39	85	67	1191	1249	22.6	16.1	20.1	16.8	4.41	4.22	181	17	0	1.86	0.60
8/31/86	27.4	16.4	0.00	7.62	6.09	85	63	1203	1261	23.6	17.9	21.3	18.4	5.25	5.09	188	14	0	1.97	0.67
MONTHLY	MEAN 25.2	MEAN 12.3	TOTAL 94.23	TOTAL M	MEAN 5.57	MN. 90	MN. 61	TOTL 271	TOT 280	MEAN 24.1	MEAN 18.4	MEAN 22.4	MEAN 19.5	MEAN 2.97	MEAN 2.21	MN. 211	MN. 39	MN 30	MEAN 1.74	MEAN 0.52
9/ 1/86	26.4	15.0	0.00	3.81	5.86	89	58	1213	1272	23.7	18.6	21.6	19.2	3.59	3.43	191	17	0	1.83	0.63
9/ 2/86	25.6	15.9	5.33	M	3.53	88	61	1224	1282	22.3	19.1	21.0	19.5	3.02	2.82	179	21	42	1.80	0.44
9/ 3/86	27.1	15.0	6.60	M	4.95	89	57	1235	1293	23.2	18.5	21.1	19.0	3.66	3.06	229	23	57	1.85	0.52
9/ 4/86	22.2	10.2	0.00	5.59	6.36	88	43	1241	1300	20.2	16.4	20.2	17.9	3.51	3.20	283	24	22	1.26	0.62
9/ 5/86	18.9	6.5	1.52	3.56	5.87	90	60	1244	1304	19.7	14.6	18.8	16.5	3.22	2.66	326	34	9	1.14	0.37
9/ 6/86	16.2	4.6	0.00	3.81	5.44	89	50	1244	1307	17.6	14.6	18.1	16.2	3.77	3.21	323	31	38	0.94	0.38
9/ 7/86	19.0	3.3	0.00	5.33	6.20	90	40	1246	1312	18.4	12.2	17.6	14.6	2.72	2.10	280	39	7	0.88	0.47
9/ 8/86	20.5	3.6	0.00	5.33	6.05	90	41	1248	1317	19.1	12.8	17.6	14.8	3.16	2.81	213	27	13	0.99	0.60
9/ 9/86	19.6	12.6	0.51	3.05	1.14	88	81	1254	1323	17.6	15.9	17.3	16.5	2.44	2.18	142	26	33	1.55	0.29
9/10/86	18.1	11.5	55.63	M	0.71	91	85	1259	1328	17.9	16.4	17.4	16.6	2.39	1.96	19	34	99	1.42	0.22
9/11/86	16.9	6.6	0.25	2.29	1.65	92	79	1260	1331	17.0	14.5	17.2	16.1	2.92	2.63	328	26	65	1.21	0.20
9/12/86	23.7	4.2	0.00	3.81	5.47	87	62	1264	1338	19.2	12.4	17.4	14.3	2.63	1.26	244	58	39	1.29	0.42
9/13/86	14.5	6.0	2.79	M	3.10	88	65	1265	1340	16.5	13.2	17.1	14.9	2.89	2.14	24	41	25	0.97	0.25
9/14/86	11.6	6.6	23.37	M	0.49	95	87	1265	1341	14.3	13.0	15.4	14.1	2.65	2.32	80	29	99	1.01	0.14
9/15/86	12.7	2.4	0.00	2.54	1.33	100	81	1265	1343	13.9	12.6	14.2	13.6	3.57	2.83	46	37	54	0.97	0.14
9/16/86	13.2	9.3	66.04	M	0.47	88	83	1266	1344	12.9	12.4	13.8	13.3	4.05	3.68	118	24	52	1.10	0.19
9/17/86	21.8	12.0	0.00	3.81	2.26	86	80	1273	1351	17.4	12.6	15.9	13.3	3.00	0.69	218	71	46	1.57	0.30
9/18/86	14.6	10.1	38.10	M	1.25	88	81	1275	1353	15.9	14.0	15.8	14.6	3.36	2.78	32	34	49	1.22	0.21
9/19/86	21.5	9.9	0.00	M	1.47	87	78	1281	1359	17.4	14.0	16.2	14.4	2.70	0.40	197	75	42	1.49	0.30
9/20/86	24.0	10.1	28.45	M	3.16	87	72	1288	1366	19.7	14.5	17.3	14.9	2.55	2.03	84	37	42	1.57	0.35
9/21/86	24.1	15.0	2.54	M	2.11	86	79	1297	1376	20.0	17.1	18.2	16.7	4.13	2.57	139	50	46	1.85	0.35
9/22/86	20.3	10.8	0.00	3.81	1.93	88	72	1303	1381	18.9	16.1	18.2	16.8	2.51	1.74	314	45	18	1.46	0.30
9/23/86	22.3	9.0	0.00	1.27	2.92	87	66	1308	1387	18.5	14.5	17.2	15.5	2.25	2.03	214	25	69	1.42	0.34
9/24/86	18.1	11.4	6.10	M	0.89	87	85	1313	1392	17.4	14.7	16.8	15.5	3.85	3.54	128	23	90	1.50	0.25
9/25/86	27.4	13.6	0.00	7.37	5.27	85	28	1324	1403	19.5	15.5	17.8	16.2	4.48	4.26	182	18	5	1.33	1.15
9/26/86	26.8	12.2	0.00	6.60	5.13	86	39	1333	1412	20.2	15.2	18.1	16.0	3.93	3.46	203	28	0	1.55	0.90
9/27/86	25.6	9.0	0.00	3.30	5.20	87	22	1340	1420	18.5	14.5	17.4	15.6	3.03	2.85	241	20	5	1.06	0.97
9/28/86	20.6	6.9	1.27	M	1.85	89	60	1344	1425	17.0	13.3	16.3	14.7	2.03	0.92	102	60	53	1.24	0.35
9/29/86	18.6	8.0	0.00	3.81	4.40	88	59	1347	1429	17.4	13.6	16.2	14.6	2.58	2.08	277	36	29	1.20	0.38
9/30/86	22.4	7.4	0.00	2.29	3.94	89	34	1352	1436	17.8	12.6	16.2	14.0	1.34	0.48	221	65	40	1.04	0.63
MONTHLY	MEAN 20.5	MEAN 9.3	TOTAL 238.50	TOTAL M	MEAN 3.35	MN. 89	MN. 63	TOTL 150	TOT 175	MEAN 18.3	MEAN 14.6	MEAN 17.5	MEAN 15.7	MEAN 3.07	MEAN 2.40	MN. 186	MN. 36	MN 40	MEAN 1.32	MEAN 0.42

L A M B E R T O N

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	22.0	7.1	0.00	2.29	4.60	89	40	1357	1442	18.9	12.6	16.7	14.0	1.93	1.54	153	36	30	1.08	0.63
10/ 2/86	17.6	9.4	11.43	M	1.16	88	80	1360	1445	16.0	13.8	16.1	14.8	2.79	0.76	188	69	66	1.30	0.22
10/ 3/86	10.9	7.1	1.27	2.29	0.78	88	80	1360	1446	14.6	11.9	15.3	13.5	3.98	3.68	5	22	78	1.01	0.17
10/ 4/86	15.3	3.4	0.00	3.56	3.81	89	51	1360	1449	14.5	10.3	13.9	12.2	3.04	2.21	263	42	36	0.88	0.29
10/ 5/86	13.1	0.7	0.00	3.81	3.85	89	48	1360	1450	13.4	9.9	13.3	12.3	3.92	3.23	314	34	6	0.83	0.35
10/ 6/86	17.0	-0.3	0.00	3.81	3.32	90	52	1360	1454	12.6	8.1	12.5	10.5	4.01	3.91	205	13	18	0.90	0.40
10/ 7/86	25.7	9.3	0.00	1.78	3.69	86	38	1368	1461	16.5	11.3	14.8	12.1	4.38	3.09	243	44	0	1.24	0.78
10/ 8/86	12.0	5.6	0.00	1.78	1.71	86	62	1368	1462	13.8	11.5	14.4	12.8	3.73	3.29	348	28	2	0.90	0.26
10/ 9/86	12.2	-0.6	0.00	2.29	4.55	89	45	1368	1464	14.3	8.5	13.1	10.8	1.80	0.57	40	67	12	0.62	0.29
10/10/86	13.6	2.5	1.27	M	0.70	88	75	1368	1465	11.3	9.1	12.1	10.8	4.13	3.12	182	40	23	0.97	0.21
10/11/86	8.1	2.3	8.89	M	0.60	89	82	1368	1465	11.0	7.0	11.7	9.3	5.99	5.48	348	24	78	0.70	0.11
10/12/86	2.2	-1.1	0.00	M	1.20	90	82	1368	1465	7.0	5.0	9.3	7.4	5.56	5.40	321	13	5	0.55	0.09
10/13/86	4.5	-4.0	0.00	M	1.27	90	64	1368	1465	7.5	4.6	8.0	6.9	0.75	0.21	165	69	0	0.51	0.12
10/14/86	13.4	-4.8	0.00	M	3.97	89	33	1368	1467	8.9	3.6	8.3	6.0	2.82	2.38	289	32	5	0.54	0.36
10/15/86	10.4	-1.4	0.00	M	3.96	89	61	1368	1467	9.4	4.3	8.7	6.6	3.47	2.80	275	36	16	0.67	0.21
10/16/86	19.6	4.9	0.00	M	3.92	88	50	1370	1472	13.1	6.8	10.9	8.0	2.91	1.40	304	58	11	0.93	0.50
10/17/86	17.0	1.2	0.00	M	3.59	88	56	1370	1476	13.2	7.2	11.3	8.8	2.75	2.59	115	19	51	0.85	0.29
10/18/86	17.4	3.7	0.00	M	3.83	88	51	1371	1479	12.9	7.6	11.2	9.1	2.82	2.60	163	23	33	0.86	0.35
10/19/86	22.4	4.5	0.00	M	3.34	87	55	1374	1485	14.0	8.0	12.0	9.3	2.97	2.73	186	23	27	1.15	0.45
10/20/86	24.6	8.0	0.00	M	3.47	87	53	1380	1493	16.2	10.5	13.7	11.1	1.92	1.18	230	50	30	1.31	0.53
10/21/86	23.1	9.3	4.06	M	3.56	87	45	1387	1499	15.6	11.2	13.8	11.8	3.69	3.55	217	16	33	1.22	0.54
10/22/86	17.5	8.9	0.00	M	0.83	86	64	1390	1503	13.5	11.6	13.1	12.1	2.03	1.49	132	42	40	1.15	0.26
10/23/86	13.4	4.4	0.00	M	1.50	87	83	1390	1505	12.8	10.9	12.4	11.7	2.81	2.49	329	27	61	0.94	0.17
10/24/86	5.3	1.1	0.00	M	0.38	90	84	1390	1505	10.9	10.1	11.8	11.0	3.08	2.63	8	31	99	0.67	0.11
10/25/86	11.1	2.8	0.00	M	0.90	90	81	1390	1505	12.0	10.3	11.6	10.9	2.41	1.92	39	37	66	0.85	0.15
10/26/86	12.8	4.0	0.00	M	1.81	86	71	1390	1507	12.4	9.2	11.8	10.8	2.15	1.43	282	47	29	0.89	0.20
10/27/86	23.0	4.6	0.00	M	3.45	86	40	1394	1513	13.8	8.1	12.1	9.7	2.67	2.18	232	35	38	1.03	0.52
10/28/86	16.7	4.9	0.00	M	2.93	86	65	1395	1517	12.8	9.7	11.9	10.8	5.11	3.42	309	47	6	0.99	0.36
10/29/86	13.4	-0.1	0.00	M	3.38	87	49	1395	1518	11.3	6.9	11.3	9.1	1.82	1.24	313	46	38	0.67	0.28
10/30/86	14.6	1.4	0.00	M	1.40	86	49	1395	1521	9.9	6.9	10.0	8.7	5.73	5.13	168	26	22	0.77	0.42
10/31/86	12.6	-0.7	0.51	M	0.60	84	65	1395	1522	9.9	6.1	10.2	8.6	5.82	2.38	294	62	32	0.78	0.27
MONTHLY	MEAN 14.9	MEAN 3.2	TOTAL 27.43	TOTAL M	MEAN 2.52	MN. 88	MN. 60	TOTL 42	TOT 86	MEAN 12.7	MEAN 8.8	MEAN 12.2	MEAN 10.4	MEAN 3.32	MEAN 2.58	MN. 215	MN. 37	MN 32	MEAN 0.89	MEAN 0.32

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
4/ 1/86	14.3	0.6	0.00		M	6.10	77	57	3	2	8.5	-0.1	2.4	-0.6	2.67	1.00	10	64	17	0.67	0.35
4/ 2/86	14.1	2.2	15.24		M	3.71	76	61	7	4	6.9	0.3	2.0	-0.4	6.46	6.19	129	16	28	0.74	0.32
4/ 3/86	6.5	2.6	0.76		M	1.17	77	74	7	4	3.4	-2.2	1.4	0.4	6.52	6.33	74	14	47	0.62	0.19
4/ 4/86	5.8	2.2	16.00		M	0.77	79	75	7	4	-2.0	-3.4	0.6	-0.1	6.86	6.71	92	12	28	0.63	0.19
4/ 5/86	6.2	2.4	1.02		M	0.86	86	75	7	4	-0.9	-3.0	1.6	0.6	4.51	2.42	63	55	99	0.66	0.17
4/ 6/86	19.1	2.4	0.00		M	5.73	85	54	13	9	8.9	-3.4	4.2	0.8	3.92	3.40	242	29	33	0.88	0.43
4/ 7/86	14.7	4.4	0.00		M	6.29	72	51	18	11	7.4	1.9	3.8	1.5	5.31	4.95	329	21	0	0.76	0.50
4/ 8/86	11.1	1.8	0.00		M	6.45	73	53	20	12	6.7	0.7	3.0	0.4	5.90	5.64	342	17	0	0.61	0.35
4/ 9/86	13.8	-0.9	0.00		M	6.57	75	51	22	14	8.0	0.3	3.5	-0.1	3.33	3.15	333	19	14	0.61	0.39
4/10/86	18.9	-0.5	0.00		M	6.55	75	49	27	18	10.2	0.6	4.9	0.3	0.93	0.08	2	77	38	0.74	0.55
4/11/86	21.0	2.6	0.00		M	6.08	75	50	34	23	10.4	1.7	5.3	1.3	3.97	2.59	150	48	42	0.90	0.57
4/12/86	6.2	-4.6	0.00		M	1.52	76	74	34	23	7.1	0.1	4.9	-0.1	7.30	7.04	340	15	0	0.38	0.13
4/13/86	9.1	-2.2	40.64		M	1.95	76	69	34	23	3.2	-0.2	1.3	-0.6	5.11	3.60	94	44	16	0.62	0.23
4/14/86	6.5	1.9	11.43		M	0.51	76	73	34	23	3.2	-0.4	1.7	1.3	8.15	7.07	61	29	99	0.62	0.20
4/15/86	4.3	-1.0	0.00		M	3.89	78	74	34	23	5.3	0.6	2.1	0.3	7.37	7.10	338	15	14	0.51	0.16
4/16/86	13.5	-1.6	0.00		M	6.20	88	54	36	25	10.1	1.0	4.6	0.5	3.13	2.11	150	46	18	0.64	0.31
4/17/86	11.5	4.0	9.91		M	2.45	71	66	39	26	6.6	2.7	3.9	2.0	7.37	7.19	134	13	0	0.77	0.35
4/18/86	10.6	7.6	16.00		M	0.42	77	66	44	26	6.3	5.1	3.9	3.2	8.12	7.84	140	15	84	0.80	0.31
4/19/86	15.4	3.9	3.56		M	4.92	75	54	49	29	9.9	4.4	5.3	3.1	7.03	6.74	293	16	46	0.74	0.35
4/20/86	9.8	-1.0	0.00		M	4.29	75	64	49	29	7.8	2.0	4.3	2.1	5.58	5.17	339	22	22	0.58	0.23
4/21/86	8.1	-1.3	0.00		M	7.15	76	56	49	29	9.1	1.1	4.6	1.2	3.98	3.62	350	24	1	0.49	0.26
4/22/86	14.8	-1.2	0.00		M	6.55	76	55	51	31	8.9	1.1	4.7	1.4	5.79	5.62	174	14	10	0.68	0.38
4/23/86	22.6	5.4	13.21		M	5.97	71	55	61	38	11.6	3.7	7.0	3.1	7.81	6.60	173	32	0	1.07	0.64
4/24/86	15.9	6.5	2.03		M	5.05	74	55	68	41	13.3	7.3	8.4	5.9	4.78	3.81	14	36	23	0.87	0.43
4/25/86	14.1	4.9	0.51		M	1.90	75	70	73	43	9.3	5.8	7.5	5.5	6.39	3.60	87	54	9	0.85	0.32
4/26/86	15.1	3.0	3.05		M	3.30	75	67	77	45	11.1	5.5	7.4	5.1	3.61	2.90	43	36	13	0.79	0.31
4/27/86	9.5	3.4	7.11		M	0.85	77	73	79	45	8.5	5.9	7.2	5.8	5.07	4.55	355	26	73	0.73	0.25
4/28/86	10.7	1.9	12.95	4.32		2.45	75	69	81	45	7.4	3.4	5.8	3.9	6.70	6.03	330	26	52	0.64	0.23
4/29/86	21.5	4.4	2.03	3.81		4.40	75	50	90	51	13.3	3.7	8.3	3.9	3.13	1.67	140	55	46	0.96	0.54
4/30/86	16.2	6.3	0.00	4.83		4.70	74	53	96	54	11.9	6.9	8.5	6.9	7.00	4.85	303	45	21	0.89	0.46

MONTHLY	MEAN 12.7	MEAN 2.0	TOTAL 155.45	TOTAL M	MEAN 3.96	MN. 76	MN. 62	TOTL 96	TOT 54	MEAN 7.7	MEAN 1.8	MEAN 4.5	MEAN 2.0	MEAN 5.46	MEAN 4.65	MN. 187	MN. 31	MN 30	MEAN 0.71	MEAN 0.34
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5/ 1/86	6.8	-0.9	0.00	4.32	2.50	77	68	96	54	6.9	3.0	7.4	4.4	7.30	6.92	338	19	0	0.54	0.20
5/ 2/86	14.8	-2.1	0.00	2.29	7.32	78	52	98	57	13.5	1.7	8.2	2.9	1.13	0.73	42	48	5	0.63	0.37
5/ 3/86	19.2	3.3	0.00	6.10	6.23	76	60	105	61	13.0	5.3	8.8	5.4	6.17	5.87	158	18	19	0.98	0.49
5/ 4/86	27.3	10.0	0.00	7.87	7.34	74	53	119	70	16.8	8.4	11.7	7.4	7.04	6.72	175	17	0	1.45	0.87
5/ 5/86	24.3	9.6	0.00	M	7.34	71	49	132	77	16.7	10.7	12.4	10.6	8.61	6.26	224	42	0	1.23	0.87
5/ 6/86	11.3	6.6	0.00	6.60	3.17	72	58	136	78	10.7	7.7	11.0	7.9	8.89	8.21	287	22	0	0.70	0.43
5/ 7/86	14.7	5.3	7.87	11.18	3.52	73	61	142	80	11.3	6.7	8.7	6.9	4.52	3.56	80	37	4	0.79	0.38
5/ 8/86	12.1	6.0	25.91	5.59	2.27	76	72	147	81	9.0	5.5	8.5	7.2	8.33	7.98	96	17	62	0.83	0.29
5/ 9/86	22.4	16.1	0.00	3.05	1.04	89	78	161	90	14.5	12.6	11.5	9.7	M	M	128	10	0	1.88	0.36
5/10/86	21.2	13.4	0.00	3.81	3.80	96	73	174	98	16.3	11.0	12.6	10.5	M	M	117	31	19	1.61	0.27
5/11/86	23.9	12.0	16.26	8.13	5.65	97	62	188	106	18.6	12.5	13.9	11.2	M	M	136	16	0	1.64	0.34
5/12/86	18.6	11.7	0.00	4.32	3.18	96	64	198	111	15.9	12.1	13.7	12.4	M	M	320	69	19	1.49	0.32
5/13/86	20.7	7.9	0.00	4.57	6.19	99	40	208	116	18.0	9.8	13.9	10.6	M	M	299	70	31	1.14	0.57
5/14/86	25.7	9.0	0.00	7.62	6.52	91	56	221	124	17.9	10.5	13.8	10.9	1.90	0.98	290	56	1	1.35	0.60
5/15/86	20.9	8.6	0.00	2.54	4.11	91	52	232	130	16.5	11.0	13.3	11.2	2.56	1.77	2	45	14	1.12	0.51
5/16/86	13.8	4.2	0.00	4.32	6.74	95	54	236	131	13.8	7.3	12.6	8.7	3.61	3.41	312	19	21	0.88	0.34
5/17/86	15.8	3.2	0.00	3.30	7.41	91	47	241	134	15.5	7.4	11.9	8.7	3.15	2.83	334	26	21	0.80	0.48
5/18/86	17.2	5.8	0.00	8.13	7.79	87	36	248	138	16.9	8.5	12.7	9.1	3.40	2.42	60	44	6	0.79	0.65
5/19/86	18.3	9.3	0.00	6.35	5.50	74	43	258	142	18.2	12.4	13.4	9.7	3.64	3.26	89	26	0	0.91	0.81
5/20/86	19.2	4.4	0.00	6.10	8.26	77	32	265	147	18.3	8.7	13.7	9.8	3.58	3.44	88	16	0	0.76	0.71
5/21/86	20.0	4.9	0.00	8.89	8.37	73	24	273	152	17.5	8.7	13.3	9.9	4.16	3.97	93	17	0	0.70	0.89
5/22/86	21.6	6.1	0.00	6.86	8.02	66	25	282	157	17.3	8.4	13.1	9.7	5.08	4.89	92	16	0	0.78	0.96
5/23/86	16.0	7.2	9.65	M	1.83	98	66	290	160	12.8	10.6	12.4	10.8	4.17	3.28	127	37	55	1.15	0.23
5/24/86	17.3	6.4	3.56	3.56	3.96	100	69	297	164	14.7	9.1	12.0	9.5	3.08	2.60	115	32	52	1.24	0.18
5/25/86	18.5	10.9	9.14	5.08	2.95	96	73	307	169	15.9	11.2	12.5	10.7	2.91	2.36	26	35	63	1.34	0.15
5/26/86	24.0	11.2	0.00	5.59	6.95	96	57	320	176	20.4	11.4	15.3	10.9	2.98	2.13	49	43	19	1.62	0.45
5/27/86	27.4	12.5	0.00	7.37	7.63	94	40	336	186	22.3	13.2	16.9	12.8	2.61	2.11	55	35	19	1.58	0.89
5/28/86	28.1	13.5	0.00	10.92	7.76	93	41	352	197	21.6	14.3	17.2	14.1	3.34	2.71	93	35	2	1.60	1.01
5/29/86	30.8	14.5	0.00	4.57	7.48	93	33	370	209	23.8	15.3	18.6	14.7	1.98	1.38	351	45	10	1.59	1.36
5/30/86	31.4	15.1	0.00	10.16	7.82	89	33	389	222	23.9	16.5	19.0	15.9	3.15	2.77	286	28	4	1.58	1.56
5/31/86	31.5	15.1	0.00	11.18	7.95	87	36	408	235	23.3	16.7	18.9	16.2	4.23	3.90	254	22	29	1.68	1.54

MONTHLY	MEAN 20.5	MEAN 8.4	TOTAL 72.39	TOTAL M	MEAN 5.70	MN. 86	MN. 52	TOTL 312	TOT 180	MEAN 16.5	MEAN 10.0	MEAN 13.0	MEAN 10.0	MEAN M	MEAN M	MN. 165	MN. 32	MN 15	MEAN 1.17	MEAN 0.61
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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D.	ACCM D.D.	MAX SOIL TEMP	MIN SOIL TEMP	MAX SOIL TEMP	MIN SOIL TEMP	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
								4.44	1030	10CM	10CM	20CM	20CM							
6/ 1/86	24.3	13.3	0.00	8.38	7.52	88	40	422	243	22.9	16.9	18.7	16.4	4.26	2.89	20	46	22	1.35	0.96
6/ 2/86	24.9	10.0	0.00	10.16	8.21	84	38	435	251	20.6	13.6	17.8	14.9	5.51	5.05	147	23	9	1.12	1.01
6/ 3/86	31.3	13.9	0.76	9.14	7.84	79	44	454	263	22.4	14.0	18.3	14.5	5.82	3.91	194	46	3	1.63	1.32
6/ 4/86	20.9	12.2	1.02	4.32	3.62	91	48	466	269	19.5	15.9	18.1	16.2	3.55	3.32	23	21	39	1.43	0.59
6/ 5/86	24.8	8.9	0.00	9.14	8.14	86	32	478	277	20.5	13.1	17.1	14.0	4.57	3.96	91	30	3	1.14	1.01
6/ 6/86	25.4	13.6	12.95	7.87	4.14	95	67	493	286	19.6	14.9	16.8	14.7	4.86	4.22	129	30	4	1.76	0.59
6/ 7/86	23.7	11.8	0.00	6.86	6.34	96	46	507	294	21.0	16.4	17.7	15.7	4.96	4.23	314	31	32	1.60	0.51
6/ 8/86	24.2	9.4	0.00	8.13	7.75	96	31	519	301	22.2	13.6	18.0	14.4	2.74	1.93	46	44	31	1.16	0.92
6/ 9/86	29.0	12.8	4.32	10.41	7.27	79	39	535	312	21.6	14.4	17.9	14.9	4.92	4.43	120	26	0	1.40	1.29
6/10/86	20.8	15.1	46.74	4.32	0.52	95	58	549	320	18.0	16.1	17.4	15.8	4.10	2.59	13	49	73	1.67	0.27
6/11/86	16.8	14.3	0.00	3.05	2.10	94	88	560	325	17.0	15.3	15.8	15.0	3.96	3.71	327	20	0	1.61	0.16
6/12/86	24.2	9.9	0.00	7.37	7.58	96	41	573	333	21.4	13.6	17.6	14.1	3.50	2.50	289	43	24	1.49	0.63
6/13/86	23.5	9.7	0.00	5.33	7.36	93	42	585	339	21.6	13.4	17.7	14.2	2.79	2.42	208	29	31	1.34	0.68
6/14/86	25.6	12.1	0.00	7.87	8.20	94	40	599	348	24.1	15.1	19.4	15.2	2.59	1.74	70	46	25	1.45	0.81
6/15/86	28.8	15.5	3.30	7.11	4.84	92	57	617	360	21.9	16.4	18.6	16.3	5.40	2.23	196	62	11	1.98	0.63
6/16/86	20.3	10.3	0.00	7.11	8.53	93	43	628	366	21.4	14.8	18.1	15.6	4.59	4.17	329	25	0	1.09	0.66
6/17/86	25.0	10.1	0.51	8.13	5.69	91	42	641	373	19.9	13.8	17.2	14.8	4.79	4.07	114	31	6	1.40	0.66
6/18/86	33.1	18.0	0.00	9.40	7.83	87	39	662	387	23.9	16.2	19.6	15.7	5.93	4.70	158	37	0	2.06	1.33
6/19/86	34.2	18.9	0.00	8.13	8.05	88	41	684	402	27.3	18.3	22.0	17.7	3.17	2.85	178	26	0	2.32	1.41
6/20/86	32.1	20.9	0.00	3.81	5.12	92	56	706	417	26.9	20.7	21.9	19.7	3.91	3.47	157	27	5	2.43	0.72
6/21/86	32.3	16.6	27.69	9.14	5.02	95	64	726	430	27.2	20.1	22.7	19.4	2.90	1.55	154	55	51	2.41	0.46
6/22/86	25.9	16.0	0.00	13.46	7.97	93	38	743	441	24.6	18.9	21.1	19.1	4.51	3.88	281	30	8	1.57	0.89
6/23/86	24.1	11.9	0.00	7.87	7.05	88	51	756	449	22.7	16.8	20.0	17.6	4.34	3.14	309	43	0	1.47	0.69
6/24/86	24.2	8.0	0.00	8.64	8.13	95	44	768	456	24.4	14.3	20.1	15.9	2.93	1.86	126	49	25	1.32	0.69
6/25/86	32.8	15.4	0.00	8.38	7.40	82	50	787	469	25.3	16.3	20.9	16.8	5.23	4.62	172	28	0	2.06	1.20
6/26/86	30.5	22.5	0.00	4.83	4.72	89	66	810	485	24.9	20.3	21.4	19.3	3.83	3.16	194	34	1	2.57	0.78
6/27/86	28.1	17.8	0.00	7.87	7.47	92	34	828	498	26.3	20.0	22.1	19.5	2.91	2.42	348	33	24	1.86	1.01
6/28/86	29.2	16.0	0.00	7.37	7.15	88	40	846	511	26.6	19.4	22.3	19.3	2.31	0.82	305	65	10	1.64	1.13
6/29/86	19.6	13.1	9.40	3.56	1.87	92	64	858	517	21.6	16.5	21.5	17.3	3.60	3.25	63	25	59	1.49	0.34
6/30/86	18.5	12.5	0.00	1.78	2.69	93	84	869	523	18.5	15.3	17.3	16.0	3.65	3.19	95	29	28	1.57	0.19
MONTHLY	MEAN 25.9	MEAN 13.7	TOTAL 106.69	TOTAL 218.94	MEAN 6.20	MN. 90	MN. 49	TOTL 461	TOT 288	MEAN 22.5	MEAN 16.1	MEAN 19.2	MEAN 16.3	MEAN 4.07	MEAN 3.21	MN. 172	MN. 36	MN 17	MEAN 1.65	MEAN 0.78
7/ 1/86	27.3	13.9	0.00	4.57	5.94	93	52	885	533	23.6	16.3	19.7	16.2	2.40	1.28	278	55	35	1.78	0.51
7/ 2/86	26.7	13.6	0.00	6.60	7.43	93	47	901	544	24.6	16.9	20.6	17.2	2.60	2.10	328	35	35	1.66	0.80
7/ 3/86	29.2	14.1	0.00	9.65	7.94	92	56	918	555	24.8	17.4	20.9	17.7	5.06	4.82	147	18	28	2.10	0.82
7/ 4/86	32.5	19.6	0.00	8.13	7.28	88	54	940	570	28.5	19.9	23.3	19.2	3.48	2.49	84	43	0	2.60	0.97
7/ 5/86	30.4	13.9	0.00	7.87	4.93	87	51	958	582	24.9	20.0	22.8	20.9	5.07	1.75	230	66	0	2.27	0.81
7/ 6/86	28.7	11.1	0.00	7.62	7.82	93	28	973	592	24.6	17.1	21.2	18.3	3.05	2.47	244	35	30	1.41	1.14
7/ 7/86	29.9	14.3	1.52	8.38	7.61	90	38	991	604	26.9	17.9	22.4	18.4	2.17	1.49	172	45	19	1.69	1.24
7/ 8/86	23.5	15.9	9.40	5.08	4.12	92	74	1006	614	23.4	19.8	21.7	19.7	3.26	2.77	36	31	22	2.00	0.38
7/ 9/86	26.4	12.2	0.00	5.84	7.90	93	56	1021	623	26.7	17.4	22.3	18.3	2.11	1.68	97	36	33	1.83	0.63
7/10/86	23.4	17.9	45.72	4.32	1.60	92	85	1037	634	21.6	19.2	21.4	19.0	3.37	3.21	104	18	43	1.98	0.25
7/11/86	26.1	15.9	12.70	5.59	6.04	91	67	1054	645	26.1	18.1	21.9	18.1	2.34	0.68	30	68	55	1.94	0.41
7/12/86	24.8	14.8	5.84	4.57	4.04	91	62	1069	654	23.2	18.5	20.9	18.8	2.72	1.88	234	45	55	1.74	0.36
7/13/86	25.5	14.8	0.00	5.59	7.13	91	63	1085	664	24.8	17.1	21.0	17.6	3.84	2.98	294	38	14	1.81	0.48
7/14/86	30.3	16.0	1.52	7.11	7.32	91	63	1103	677	26.8	18.2	22.2	18.3	3.09	2.67	126	30	30	2.20	0.59
7/15/86	29.4	17.1	15.24	7.11	5.52	90	73	1122	691	26.8	20.3	22.8	20.0	3.38	2.54	96	40	40	2.37	0.43
7/16/86	31.8	20.0	0.00	6.60	6.92	89	72	1144	706	28.3	21.9	24.1	21.0	3.95	3.53	125	26	12	2.77	0.65
7/17/86	33.3	21.9	0.00	6.86	7.23	88	61	1167	722	29.2	22.2	24.9	21.7	3.08	2.21	160	43	5	2.84	0.93
7/18/86	28.4	20.0	4.32	5.08	3.00	89	77	1187	736	26.4	22.6	24.3	22.6	2.54	1.39	17	54	71	2.50	0.43
7/19/86	28.1	17.8	0.00	7.37	7.63	89	52	1205	749	26.3	20.6	23.1	20.8	3.69	3.32	305	26	0	2.01	0.78
7/20/86	24.2	13.8	0.00	5.33	6.96	90	55	1220	758	24.9	18.6	21.9	19.5	3.04	2.85	312	20	27	1.63	0.58
7/21/86	27.9	11.5	0.00	5.08	6.20	91	50	1235	768	25.0	16.9	21.5	18.3	2.42	2.03	206	33	41	1.70	0.70
7/22/86	30.4	14.3	0.00	6.86	7.53	90	57	1253	780	27.4	17.9	23.1	18.7	2.49	2.30	152	22	31	2.16	0.79
7/23/86	33.0	19.2	23.62	11.18	6.99	88	59	1274	794	26.9	20.5	23.3	20.4	5.22	4.70	169	26	5	2.54	0.88
7/24/86	28.8	18.6	0.00	4.06	5.21	90	62	1294	808	27.1	21.1	23.5	21.0	2.49	1.24	312	57	38	2.33	0.59
7/25/86	27.5	14.6	2.79	4.57	7.05	90	46	1310	819	28.1	19.3	23.7	20.2	1.58	0.72	13	60	45	1.81	0.71
7/26/86	26.4	17.4	35.31	14.73	6.22	90	72	1328	831	25.9	20.0	22.8	20.4	4.28	3.49	117	35	38	2.16	0.46
7/27/86	27.8	15.1	0.00	4.32	5.82	90	67	1345	842	26.4	19.2	22.8	19.8	2.16	1.15	341	55	47	2.02	0.49
7/28/86	29.6	13.7	0.00	6.60	5.92	90	61	1362	854	27.0	19.7	23.4	20.1	1.21	0.09	354	78	56	2.11	0.63
7/29/86	29.1	15.1	6.10	6.60	6.83	89	40	1380	866	26.4	20.6	23.2	20.8	3.90	3.60	130	22	36	2.16	0.72
7/30/86	27.0	15.7	0.00	9.14	6.63	89	45	1396	877	25.9	19.6	22.7	20.2	3.63	2.07	319	53	26	1.87	0.70
7/31/86	24.3	12.7	0.00	6.60	7.15	90	54	1411	886	23.7	17.7	21.6	19.0	2.88	2.48	299	30	43	1.57	0.63
MONTHLY	MEAN 28.1	MEAN 15.7	TOTAL 164.08	TOTAL 209.01	MEAN 6.32	MN. 90	MN. 58	TOTL 541	TOT 363	MEAN 25.9	MEAN 19.1	MEAN 22.4	MEAN 19.4	MEAN 3.11	MEAN 2.32	MN. 188	MN. 40	MN 31	MEAN 2.05	MEAN 0.66

M O R R I S

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 4.44	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	24.5	11.4	0.00	6.86	7.04	89	47	1424	894	23.5	16.9	20.8	18.2	3.24	2.53	294	38 35	1.47	0.69	
8/ 2/86	22.5	9.3	0.00	4.83	6.35	90	45	1436	900	22.1	15.9	19.8	17.3	2.90	2.71	309	21 41	1.34	0.55	
8/ 3/86	27.0	8.5	0.00	5.59	7.03	90	40	1449	909	24.2	15.1	20.7	16.6	1.77	1.33	229	41 36	1.41	0.84	
8/ 4/86	28.7	13.5	0.76	4.57	5.52	88	44	1465	920	24.4	17.1	21.0	17.8	2.26	2.12	175	20 27	1.76	0.76	
8/ 5/86	28.8	12.9	0.00	4.57	5.84	89	54	1482	931	26.1	17.9	21.9	18.4	1.92	1.19	170	50 51	1.91	0.61	
8/ 6/86	28.8	14.7	53.59	12.95	5.53	89	61	1499	942	25.8	19.0	22.3	19.3	2.79	1.66	143	52 52	1.93	0.60	
8/ 7/86	24.2	13.8	0.00	5.33	6.16	89	65	1514	951	23.2	17.7	20.9	18.5	3.21	2.34	288	42 29	1.75	0.49	
8/ 8/86	28.3	12.9	0.00	4.57	6.98	88	44	1530	962	24.3	17.8	21.2	18.4	2.37	1.76	275	41 38	1.73	0.85	
8/ 9/86	28.7	14.4	10.41	9.40	4.68	89	61	1547	974	24.1	18.6	20.9	18.9	2.84	1.45	247	57 65	1.79	0.44	
8/10/86	18.3	7.9	0.00	5.59	5.88	90	59	1556	978	20.3	16.2	19.5	17.4	3.20	2.99	312	20 49	1.19	0.38	
8/11/86	22.9	5.8	0.00	5.84	7.25	89	41	1566	984	22.3	13.8	19.2	15.6	1.63	0.90	153	54 45	1.17	0.69	
8/12/86	24.7	13.9	0.00	5.59	5.03	85	71	1581	993	21.5	16.4	19.2	16.9	4.46	4.18	137	21 0	1.82	0.50	
8/13/86	25.6	16.0	20.32	5.08	1.95	88	74	1597	1004	20.4	18.2	18.9	17.9	3.87	3.52	147	24 8	1.90	0.35	
8/14/86	24.6	13.5	0.00	2.79	4.05	87	71	1612	1013	21.6	17.9	19.4	17.9	2.37	1.49	270	49 53	1.78	0.40	
8/15/86	30.1	12.1	0.00	7.87	6.73	87	54	1628	1024	24.1	17.3	20.8	17.6	3.11	2.97	157	17 36	1.99	0.85	
8/16/86	27.7	17.1	0.00	5.84	5.79	87	37	1646	1037	24.4	19.6	21.2	19.2	2.76	0.54	41	73 23	1.88	0.81	
8/17/86	24.6	14.5	0.00	6.10	6.29	87	45	1661	1046	23.9	18.3	20.9	18.7	1.96	1.64	10	33 15	1.51	0.69	
8/18/86	25.8	12.6	0.00	5.33	4.99	88	54	1676	1055	22.3	17.9	20.1	18.2	3.02	2.70	116	26 7	1.63	0.65	
8/19/86	28.4	17.1	15.75	7.11	6.03	86	68	1694	1068	23.6	18.5	20.6	18.3	4.95	4.76	145	16 0	2.18	0.60	
8/20/86	22.2	11.1	8.64	5.59	4.41	87	42	1706	1075	22.1	17.4	20.3	18.8	3.13	1.40	340	60 44	1.54	0.61	
8/21/86	20.8	7.4	24.13	5.59	5.69	88	49	1716	1080	20.3	14.4	18.8	16.2	2.64	2.20	92	33 29	1.20	0.56	
8/22/86	21.2	10.4	1.52	2.29	1.87	88	78	1728	1086	18.4	15.4	17.8	16.4	4.38	0.98	274	71 45	1.43	0.27	
8/23/86	24.7	7.7	0.00	4.83	5.95	87	55	1739	1093	21.6	13.7	18.4	15.0	1.93	0.85	230	61 55	1.41	0.49	
8/24/86	16.2	12.9	4.06	1.27	1.22	87	85	1749	1098	17.6	15.4	17.9	15.9	4.64	4.49	137	14 58	1.41	0.23	
8/25/86	27.1	11.1	0.25	2.03	5.26	93	58	1764	1107	22.6	15.3	19.0	15.5	2.15	1.21	37	54 47	1.68	0.59	
8/26/86	18.2	6.7	0.51	6.10	5.34	86	60	1772	1111	20.0	15.1	18.6	16.8	3.33	2.96	331	27 21	1.27	0.41	
8/27/86	18.1	3.8	0.00	5.84	6.43	88	38	1779	1115	19.0	12.2	16.8	14.2	1.98	1.28	323	48 55	0.85	0.54	
8/28/86	21.2	5.8	0.00	4.57	5.27	87	42	1788	1121	18.5	12.5	16.4	13.9	2.26	1.55	213	45 36	1.01	0.54	
8/29/86	21.0	8.2	0.00	6.10	5.14	86	59	1798	1126	18.0	12.8	M	M	4.68	M	140	M M	M	M	
8/30/86	22.8	12.1	0.00	4.32	5.21	86	69	1811	1134	19.7	14.6	M	M	4.10	M	111	M M	M	M	
8/31/86	27.5	16.2	0.00	4.32	4.89	85	68	1828	1146	21.9	17.1	M	M	3.94	M	166	M M	M	M	

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	24.4	11.5	139.94	168.66	5.35	88	56	418	260	22.0	16.3	M	M	3.03	M	194	M	M	M	M

9/ 1/86	26.0	15.8	0.00	5.33	4.49	85	63	1845	1157	22.7	18.3	M	M	2.94	M	154	M	16	M	M
9/ 2/86	20.2	15.9	10.41	0.51	1.02	86	82	1858	1165	18.5	17.9	M	M	3.85	M	156	M	30	M	M
9/ 3/86	25.5	14.7	2.79	4.83	4.67	86	61	1874	1175	21.6	17.1	18.8	16.8	3.39	2.38	202	44	33	1.68	0.43
9/ 4/86	20.1	9.5	0.00	5.33	5.87	85	49	1884	1180	18.6	15.2	18.1	16.0	4.42	4.20	282	18	1	1.17	0.59
9/ 5/86	14.5	6.6	0.00	1.52	3.77	87	67	1890	1182	16.2	12.9	16.4	14.3	2.89	2.66	314	23	33	0.99	0.29
9/ 6/86	15.6	5.6	0.00	6.86	5.24	86	47	1897	1185	15.6	12.2	14.8	13.3	3.17	2.92	309	22	18	0.88	0.40
9/ 7/86	19.2	2.5	0.00	3.56	6.02	88	33	1903	1189	16.0	10.4	14.3	12.0	3.04	2.59	268	31	41	0.81	0.58
9/ 8/86	21.5	3.5	0.00	6.10	5.92	88	30	1911	1195	16.7	10.4	14.5	11.8	2.95	2.44	193	34	26	0.90	0.68
9/ 9/86	14.1	10.4	2.54	0.25	0.84	87	80	1919	1197	14.1	13.0	14.1	13.1	3.49	3.31	98	19	40	1.18	0.23
9/10/86	16.6	6.2	0.76	1.27	1.13	95	81	1926	1201	15.5	13.8	14.3	13.5	2.31	2.14	40	22	62	1.11	0.18
9/11/86	16.6	6.9	0.51	1.78	1.99	86	70	1933	1204	15.6	12.8	14.3	13.6	2.10	1.41	351	46	67	1.07	0.26
9/12/86	19.0	5.6	0.51	1.52	3.18	85	58	1941	1208	15.5	11.1	13.8	12.1	2.57	1.18	270	60	53	1.09	0.34
9/13/86	14.6	3.6	0.00	0.76	4.58	87	51	1946	1211	15.3	10.3	13.5	11.5	2.18	1.48	17	46	19	0.82	0.33
9/14/86	9.6	5.5	18.54	2.54	0.45	86	79	1949	1211	13.1	10.3	13.1	11.1	3.32	3.11	70	20	72	0.89	0.17
9/15/86	15.9	5.5	2.03	5.08	5.28	86	53	1955	1214	14.7	9.7	12.6	10.4	3.49	3.08	50	28	32	0.89	0.36
9/16/86	10.9	6.0	11.18	0.51	1.08	86	75	1959	1214	11.4	10.0	12.1	10.7	6.18	5.95	111	16	67	0.98	0.18
9/17/86	19.1	9.8	0.25	1.52	1.47	85	80	1969	1219	14.8	10.7	12.9	10.8	3.39	0.42	159	76	47	1.21	0.24
9/18/86	14.4	6.1	5.33	3.56	2.29	85	73	1975	1221	13.8	11.1	12.8	11.7	2.33	1.91	33	34	27	1.10	0.26
9/19/86	17.6	9.8	10.41	0.51	1.14	86	80	1984	1225	15.1	12.0	13.3	11.9	3.55	1.20	70	66	43	1.23	0.24
9/20/86	16.5	6.6	5.84	3.30	1.72	85	81	1991	1228	15.1	12.8	13.6	12.6	3.30	3.00	69	24	31	1.14	0.22
9/21/86	21.6	9.1	4.32	1.78	1.81	84	79	2002	1234	17.7	13.8	15.1	13.2	3.74	2.09	74	54	61	1.38	0.30
9/22/86	19.7	5.2	0.00	3.05	3.32	87	62	2010	1239	18.3	13.6	15.6	14.1	2.57	1.83	296	43	55	1.10	0.35
9/23/86	23.2	6.0	0.00	3.56	4.88	85	41	2020	1245	17.6	10.8	14.8	12.2	2.76	1.92	230	45	63	1.17	0.60
9/24/86	20.7	11.0	5.33	3.81	2.45	84	77	2032	1251	16.8	12.6	14.8	12.9	5.65	5.38	118	18	58	1.52	0.33
9/25/86	25.7	13.0	0.00	7.87	4.98	84	37	2047	1260	18.4	14.1	15.8	14.4	5.59	4.90	150	29	5	1.36	0.97
9/26/86	25.8	12.4	0.00	1.27	4.77	83	40	2061	1269	19.2	12.3	15.8	13.1	3.43	2.20	155	48	5	1.38	0.77
9/27/86	23.9	8.5	0.00	5.33	4.90	85	34	2073	1276	18.7	12.0	15.5	13.0	2.25	1.72	221	39	47	1.15	0.69
9/28/86	15.7	7.1	1.02	3.56	0.82	86	78	2080	1279	13.8	11.8	14.5	12.6	2.69	2.25	67	33	57	1.17	0.26
9/29/86	17.5	6.5	0.00	1.27	2.07	86	61	2087	1283	14.2	11.1	13.0	12.0	2.44	1.54	258	49	62	1.05	0.28
9/30/86	20.3	2.7	0.00	3.30	4.72	86	37	2095	1288	16.1	8.5	13.4	10.4	1.63	0.46	319	69	40	0.89	0.57

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	18.7	7.9	81.77	91.44	3.23	86	61	266	142	16.4	12.4	M	M	3.25	M	170	M	40	M	M

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE	ACCM D.D. BASE	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	18.5	8.9	0.25	1.78	1.66	83	56	2104	1292	14.1	10.9	12.6	11.4	2.11	1.82	83	30	15	1.10	0.36
10/ 2/86	15.7	8.8	0.51	0.51	1.53	86	75	2112	1295	13.9	10.5	12.5	11.2	2.44	0.66	224	69	42	1.12	0.24
10/ 3/86	12.3	4.9	0.00	2.03	1.77	85	67	2116	1296	12.6	9.9	12.3	11.1	3.29	2.93	360	27	3	0.89	0.26
10/ 4/86	16.5	0.7	0.51	3.05	4.12	88	54	2120	1300	13.9	7.8	11.8	9.3	2.87	2.38	238	34	38	0.83	0.35
10/ 5/86	11.1	0.6	0.00	2.79	4.07	86	52	2121	1300	12.4	7.4	11.5	9.7	3.55	3.08	319	29	31	0.73	0.31
10/ 6/86	17.8	-0.4	1.27	2.29	2.52	86	58	2126	1304	11.3	5.8	10.1	7.9	3.06	2.88	171	20	42	0.88	0.31
10/ 7/86	25.2	5.8	0.00	2.54	2.82	86	44	2137	1312	14.5	8.1	11.9	9.0	3.43	1.53	291	60	37	1.10	0.49
10/ 8/86	12.8	2.0	0.00	3.30	3.48	82	52	2140	1313	13.6	8.2	11.5	9.9	3.16	2.71	346	31	0	0.75	0.31
10/ 9/86	10.5	-2.8	0.00	3.30	4.33	87	45	2140	1313	11.3	4.6	10.2	7.3	2.55	1.17	133	60	10	0.53	0.29
10/10/86	11.4	3.6	2.03	3.30	0.53	86	68	2143	1314	8.8	5.6	8.5	7.2	5.12	2.88	153	54	24	0.82	0.23
10/11/86	6.0	1.7	1.27	2.29	1.37	81	67	2143	1314	8.0	5.3	8.4	7.0	4.30	3.77	333	28	2	0.61	0.21
10/12/86	2.4	-3.2	0.25	4.06	1.52	88	73	2143	1314	5.5	3.4	7.0	5.5	4.31	3.96	317	23	2	0.49	0.11
10/13/86	3.6	-6.2	0.00	1.02	1.69	87	55	2143	1314	5.3	1.9	5.5	4.0	1.32	0.91	182	45	8	0.41	0.15
10/14/86	12.9	-3.1	0.00	1.27	3.92	86	40	2143	1315	7.8	2.2	6.3	3.8	3.13	2.59	301	34	0	0.54	0.36
10/15/86	10.7	-3.1	0.00	M	2.13	87	62	2143	1316	6.1	2.7	6.0	4.5	3.02	2.06	250	46	28	0.61	0.18
10/16/86	18.8	4.3	0.00	M	3.77	83	43	2150	1320	10.9	4.1	8.1	5.0	2.37	1.25	344	56	0	0.84	0.51
10/17/86	15.7	0.2	0.00	M	3.64	86	60	2154	1323	10.0	4.8	8.0	6.0	3.94	3.78	114	16	39	0.81	0.28
10/18/86	17.2	2.7	0.00	M	3.50	86	60	2159	1327	10.2	5.6	8.4	6.4	5.38	5.23	134	13	0	0.88	0.33
10/19/86	21.1	4.0	0.00	M	3.36	85	59	2167	1332	11.8	6.0	9.4	6.8	3.22	3.12	143	14	12	1.06	0.38
10/20/86	21.0	3.1	0.00	M	3.33	85	49	2175	1338	13.2	7.2	10.3	7.8	1.14	0.71	343	50	60	0.97	0.45
10/21/86	23.7	4.7	0.00	M	3.32	84	46	2185	1345	13.6	7.4	10.7	8.1	2.08	1.63	181	38	40	1.09	0.51
10/22/86	18.6	6.9	0.00	M	2.19	85	65	2193	1349	13.0	9.1	10.8	9.1	1.89	1.61	170	31	34	1.11	0.34
10/23/86	12.4	-0.4	0.00	M	1.53	86	76	2195	1350	10.9	8.1	10.4	8.8	3.18	2.98	318	20	61	0.75	0.16
10/24/86	9.0	0.6	0.51	M	0.69	86	81	2195	1350	9.1	7.8	9.3	8.3	2.73	1.61	19	52	24	0.73	0.14
10/25/86	4.2	-4.6	0.00	M	0.58	87	84	2195	1350	9.9	8.3	9.0	8.3	1.31	0.65	78	57	73	0.56	0.10
10/26/86	12.9	-1.1	0.00	M	1.83	85	71	2196	1351	10.7	7.6	9.3	8.6	2.47	1.63	200	47	44	0.76	0.19
10/27/86	20.1	-0.7	0.00	M	3.11	84	44	2202	1357	11.7	5.4	9.3	6.9	1.75	0.64	176	64	44	0.85	0.42
10/28/86	13.5	2.9	0.00	M	2.02	83	67	2205	1358	10.3	6.9	9.1	8.1	4.30	3.36	323	38	10	0.87	0.30
10/29/86	12.0	-4.6	0.25	M	2.67	85	51	2205	1359	9.0	4.0	8.2	5.9	2.39	1.04	7	61	34	0.58	0.25
10/30/86	12.1	-0.7	0.25	M	1.22	85	67	2207	1360	7.0	4.4	7.1	5.7	7.63	7.06	127	22	31	0.75	0.26
10/31/86	12.7	-3.3	0.00	M	1.28	82	64	2207	1362	7.5	3.2	7.2	5.6	6.08	4.37	299	43	15	0.65	0.26
MONTHLY	MEAN 13.9	MEAN 1.0	TOTAL 7.10	TOTAL M	MEAN 2.44	MN. 85	MN. 60	TOTL 112	TOT 74	MEAN 10.6	MEAN 6.3	MEAN 9.4	MEAN 7.6	MEAN 3.21	MEAN 2.45	MN. 215	MN. 39	MN. 26	MEAN 0.79	MEAN 0.29

ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
4/ 1/86 *	25.0	2.2	4.06	M	M	M	M	4	8	M	M	M	M	M	M	M	M	M	M	M
4/ 2/86 *	17.2	-1.7	0.00	M	M	M	M	4	11	M	M	M	M	M	M	M	M	M	M	M
4/ 3/86 *	15.6	3.9	11.68	M	M	M	M	4	14	M	M	M	M	M	M	M	M	M	M	M
4/ 4/86 *	12.8	8.3	8.64	M	M	M	M	4	15	M	M	M	M	M	M	M	M	M	M	M
4/ 5/86 *	12.8	3.3	2.54	M	M	M	M	4	17	M	M	M	M	M	M	M	M	M	M	M
4/ 6/86 *	12.8	5.6	0.00	M	M	M	M	4	18	M	M	M	M	M	M	M	M	M	M	M
4/ 7/86 *	17.2	5.0	0.00	M	M	M	M	5	22	M	M	M	M	M	M	M	M	M	M	M
4/ 8/86 *	15.6	3.3	0.00	M	M	M	M	5	24	M	M	M	M	M	M	M	M	M	M	M
4/ 9/86 *	14.4	-0.6	0.00	M	M	M	M	5	27	M	M	M	M	M	M	M	M	M	M	M
4/10/86 *	17.8	-1.1	0.00	M	M	M	M	5	31	M	M	M	M	M	M	M	M	M	M	M
4/11/86 *	21.1	1.1	0.00	M	M	M	M	6	36	M	M	M	M	M	M	M	M	M	M	M
4/12/86 *	12.8	6.1	0.25	M	M	M	M	6	38	M	M	M	M	M	M	M	M	M	M	M
4/13/86 *	14.4	1.7	0.00	M	M	M	M	6	40	M	M	M	M	M	M	M	M	M	M	M
4/14/86 *	14.4	-0.6	24.89	M	M	M	M	6	42	M	M	M	M	M	M	M	M	M	M	M
4/15/86 *	12.8	-0.6	1.27	M	M	M	M	6	43	M	M	M	M	M	M	M	M	M	M	M
4/16/86 *	14.4	-1.1	0.00	M	M	M	M	6	46	M	M	M	M	M	M	M	M	M	M	M
4/17/86 *	15.0	0.6	0.00	M	M	M	M	6	48	M	M	M	M	M	M	M	M	M	M	M
4/18/86 *	14.4	5.6	7.37	M	M	M	M	6	50	M	M	M	M	M	M	M	M	M	M	M
4/19/86 *	17.2	5.6	0.00	M	M	M	M	8	54	M	M	M	M	M	M	M	M	M	M	M
4/20/86 *	12.8	3.9	3.05	M	M	M	M	8	55	M	M	M	M	M	M	M	M	M	M	M
4/21/86 *	8.9	-0.6	0.00	M	M	M	M	8	55	M	M	M	M	M	M	M	M	M	M	M
4/22/86 *	13.9	-3.9	0.00	M	M	M	M	8	57	M	M	M	M	M	M	M	M	M	M	M
4/23/86 *	22.8	3.9	0.00	M	M	M	M	11	64	M	M	M	M	M	M	M	M	M	M	M
4/24/86 *	20.6	8.3	9.40	M	M	M	M	16	69	M	M	M	M	M	M	M	M	M	M	M
4/25/86 *	23.3	5.0	9.14	M	M	M	M	20	76	M	M	M	M	M	M	M	M	M	M	M
4/26/86 *	23.9	6.7	0.00	M	M	M	M	25	83	M	M	M	M	M	M	M	M	M	M	M
4/27/86 *	23.3	12.2	35.31	M	M	M	M	33	90	M	M	M	M	M	M	M	M	M	M	M
4/28/86 *	19.4	6.1	3.81	M	M	M	M	36	95	M	M	M	M	M	M	M	M	M	M	M
4/29/86 *	22.2	3.3	1.78	M	M	M	M	38	101	M	M	M	M	M	M	M	M	M	M	M
4/30/86 *	20.0	10.0	9.65	M	M	M	M	43	106	M	M	M	M	M	M	M	M	M	M	M

MONTHLY	MEAN 17.0	MEAN 3.4	TOTAL 132.84	TOTAL M	MEAN M	MN. M	MN. M	TOTL 43	TOT 106	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
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5/ 1/86 *	16.7	6.1	0.00	M	M	M	M	45	109	M	M	M	M	M	M	M	M	M	M	M
5/ 2/86 *	13.9	2.2	0.00	M	M	M	M	45	111	M	M	M	M	M	M	M	M	M	M	M
5/ 3/86 *	19.4	0.6	0.00	M	M	M	M	45	116	M	M	M	M	M	M	M	M	M	M	M
5/ 4/86 *	28.3	-1.1	0.00	M	M	M	M	48	125	M	M	M	M	M	M	M	M	M	M	M
5/ 5/86 *	27.2	7.8	0.00	M	M	M	M	56	134	M	M	M	M	M	M	M	M	M	M	M
5/ 6/86 *	26.7	8.3	0.00	M	M	M	M	63	142	M	M	M	M	M	M	M	M	M	M	M
5/ 7/86 *	16.7	7.8	0.00	7.90	M	M	M	66	146	M	M	M	M	M	M	M	M	M	M	M
5/ 8/86 *	18.3	6.7	7.87	3.90	M	M	M	68	150	M	M	M	M	M	M	M	M	M	M	M
5/ 9/86 *	17.8	10.0	9.65	8.20	M	M	M	72	154	M	M	M	M	M	M	M	M	M	M	M
5/10/86 *	19.4	12.8	18.03	7.60	M	M	M	78	160	M	M	M	M	M	M	M	M	M	M	M
5/11/86 *	18.9	12.2	27.94	M	M	M	M	84	165	M	M	M	M	M	M	M	M	M	M	M
5/12/86 *	25.6	14.4	0.00	5.50	M	M	M	94	175	M	M	M	M	M	M	M	M	M	M	M
5/13/86 *	25.0	11.7	28.70	M	M	M	M	102	184	M	M	M	M	M	M	M	M	M	M	M
5/14/86 *	22.2	6.1	0.00	M	M	M	M	106	190	M	M	M	M	M	M	M	M	M	M	M
5/15/86 *	25.0	12.2	0.00	M	M	M	M	115	198	M	M	M	M	M	M	M	M	M	M	M
5/16/86 *	20.6	9.4	0.00	M	M	M	M	120	204	M	M	M	M	M	M	M	M	M	M	M
5/17/86 *	17.8	9.4	0.00	3.80	M	M	M	123	207	M	M	M	M	M	M	M	M	M	M	M
5/18/86 *	17.8	3.9	0.00	5.50	M	M	M	124	211	M	M	M	M	M	M	M	M	M	M	M
5/19/86 *	18.3	5.0	0.00	6.00	M	M	M	126	216	M	M	M	M	M	M	M	M	M	M	M
5/20/86 *	18.3	1.7	0.00	7.50	M	M	M	126	220	M	M	M	M	M	M	M	M	M	M	M
5/21/86 *	20.0	1.1	0.00	6.60	M	M	M	126	225	M	M	M	M	M	M	M	M	M	M	M
5/22/86 *	21.7	2.8	0.00	5.30	M	M	M	129	231	M	M	M	M	M	M	M	M	M	M	M
5/23/86 *	21.1	7.8	0.00	7.70	M	M	M	133	236	M	M	M	M	M	M	M	M	M	M	M
5/24/86 *	23.9	6.1	0.00	5.00	M	M	M	138	243	M	M	M	M	M	M	M	M	M	M	M
5/25/86 *	15.6	9.4	12.19	4.30	M	M	M	141	246	M	M	M	M	M	M	M	M	M	M	M
5/26/86 *	23.9	12.2	11.94	3.80	M	M	M	149	254	M	M	M	M	M	M	M	M	M	M	M
5/27/86 *	27.8	12.8	0.00	0.80	M	M	M	159	264	M	M	M	M	M	M	M	M	M	M	M
5/28/86 *	27.2	12.8	0.00	7.70	M	M	M	169	274	M	M	M	M	M	M	M	M	M	M	M
5/29/86 *	29.4	13.9	0.00	5.80	M	M	M	181	286	M	M	M	M	M	M	M	M	M	M	M
5/30/86 *	29.4	17.2	0.00	8.50	M	M	M	194	299	M	M	M	M	M	M	M	M	M	M	M
5/31/86 *	32.2	15.0	0.00	6.90	M	M	M	207	312	M	M	M	M	M	M	M	M	M	M	M

MONTHLY	MEAN 22.1	MEAN 8.3	TOTAL 116.32	TOTAL M	MEAN M	MN. M	MN. M	TOTL 164	TOT 206	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
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ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
6/ 1/86 *	32.2	15.0	0.00	11.40		M	M	M	221	324	M	M	M	M	M	M	M	M	M	M	
6/ 2/86 *	21.1	4.4	0.00	9.50		M	M	M	224	330	M	M	M	M	M	M	M	M	M	M	
6/ 3/86 *	30.0	10.0	0.00	9.30		M	M	M	234	340	M	M	M	M	M	M	M	M	M	M	
6/ 4/86 *	25.0	16.1	0.00	12.00		M	M	M	244	350	M	M	M	M	M	M	M	M	M	M	
6/ 5/86 *	23.9	10.6	0.00	6.30		M	M	M	252	357	M	M	M	M	M	M	M	M	M	M	
6/ 6/86 *	24.4	16.1	0.00	7.40		M	M	M	262	368	M	M	M	M	M	M	M	M	M	M	
6/ 7/86 *	25.6	17.8	0.00	4.70		M	M	M	274	379	M	M	M	M	M	M	M	M	M	M	
6/ 8/86 *	25.0	11.7	0.00	5.90		M	M	M	282	388	M	M	M	M	M	M	M	M	M	M	
6/ 9/86 *	28.3	10.0	0.00	7.70		M	M	M	291	397	M	M	M	M	M	M	M	M	M	M	
6/10/86 *	30.0	18.9	0.00	14.20		M	M	M	306	411	M	M	M	M	M	M	M	M	M	M	
6/11/86 *	21.1	9.4	7.87	5.60		M	M	M	311	417	M	M	M	M	M	M	M	M	M	M	
6/12/86 *	26.1	8.9	0.51	1.70		M	M	M	318	425	M	M	M	M	M	M	M	M	M	M	
6/13/86 *	26.1	10.0	0.00	4.10		M	M	M	326	433	M	M	M	M	M	M	M	M	M	M	
6/14/86 *	26.1	10.0	0.00	5.50		M	M	M	334	441	M	M	M	M	M	M	M	M	M	M	
6/15/86 *	28.9	13.9	0.00	5.50		M	M	M	346	452	M	M	M	M	M	M	M	M	M	M	
6/16/86 *	28.3	15.6	0.00	11.00		M	M	M	358	464	M	M	M	M	M	M	M	M	M	M	
6/17/86 *	27.2	7.8	1.52	9.50		M	M	M	365	473	M	M	M	M	M	M	M	M	M	M	
6/18/86 *	29.4	15.0	44.45	7.20		M	M	M	377	485	M	M	M	M	M	M	M	M	M	M	
6/19/86 *	32.8	21.1	0.00	8.30		M	M	M	394	501	M	M	M	M	M	M	M	M	M	M	
6/20/86 *	31.7	20.0	0.00	6.50		M	M	M	410	516	M	M	M	M	M	M	M	M	M	M	
6/21/86 *	31.1	20.0	23.37	12.50		M	M	M	426	531	M	M	M	M	M	M	M	M	M	M	
6/22/86 *	30.0	15.0	79.76			M	M	M	438	543	M	M	M	M	M	M	M	M	M	M	
6/23/86 *	24.5	13.6	0.76	1.20	4.92	95	61	447	552	20.9	19.2	21.0	19.7	3.34	1.84	298	54	1	M	M	
6/24/86 *	21.7	10.6	0.00	2.00		M	M	M	453	558	M	M	M	M	M	M	M	M	M	M	
6/25/86 *	30.6	8.9	0.00	4.10		M	M	M	463	568	M	M	M	M	M	M	M	M	M	M	
6/26/86 *	31.1	20.6	1.02	8.10		M	M	M	479	584	M	M	M	M	M	M	M	M	M	M	
6/27/86 *	31.1	20.6	0.00	4.80		M	M	M	495	599	M	M	M	M	M	M	M	M	M	M	
6/28/86 *	28.9	16.7	0.00	5.70		M	M	M	508	612	M	M	M	M	M	M	M	M	M	M	
6/29/86 *	25.0	15.0	0.00	6.30		M	M	M	518	622	M	M	M	M	M	M	M	M	M	M	
6/30/86 *	20.0	12.8	7.37	6.60		M	M	M	524	628	M	M	M	M	M	M	M	M	M	M	
MONTHLY	MEAN 27.2	MEAN 13.9	TOTAL 166.63	TOTAL 233.00		MEAN M	MN. M	MN. M	TOTL 317	TOT 317	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
7/ 1/86 *	22.8	13.9	0.00	8.30		M	M	M	532	637	M	M	M	M	M	M	M	M	M	M	
7/ 2/86 *	26.7	13.9	0.00	1.70		M	M	M	543	647	M	M	M	M	M	M	M	M	M	M	
7/ 3/86 *	28.3	12.8	0.00	3.40		M	M	M	553	657	M	M	M	M	M	M	M	M	M	M	
7/ 4/86 *	31.7	16.1	0.00	9.80		M	M	M	567	670	M	M	M	M	M	M	M	M	M	M	
7/ 5/86 *	31.7	20.6	19.56	4.20		M	M	M	583	686	M	M	M	M	M	M	M	M	M	M	
7/ 6/86 *	27.2	15.6	0.00	8.10		M	M	M	595	697	M	M	M	M	M	M	M	M	M	M	
7/ 7/86	29.6	18.6	0.00	2.20	2.64	95	43	609	711	24.2	21.8	22.2	21.3	2.03	1.81	155	27	0	M	M	
7/ 8/86	24.8	17.8	2.79	2.30	2.80	96	86	620	723	23.2	21.7	22.1	21.3	2.82	1.70	75	51	41	M	M	
7/ 9/86	27.0	15.3	0.00	4.40	8.56	95	52	631	734	23.6	20.3	21.8	20.4	2.50	2.10	53	33	0	M	M	
7/10/86	23.8	15.3	0.00	4.30	4.50	95	70	641	743	22.6	20.6	21.6	20.4	2.96	2.62	117	28	8	M	M	
7/11/86	24.1	17.2	7.87	4.40	4.05	95	75	651	754	21.6	20.2	20.9	20.1	2.51	0.58	204	71	69	M	M	
7/12/86	24.0	14.0	10.16	5.50	4.96	96	68	660	763	21.7	20.0	20.9	20.0	2.58	1.32	250	57	54	M	M	
7/13/86	23.7	13.9	9.40	9.20	6.15	95	70	669	772	21.6	18.1	20.2	18.6	3.89	3.35	271	30	22	M	M	
7/14/86	26.5	13.0	0.00		4.62	96	75	679	781	21.9	18.6	20.6	18.8	2.11	1.89	114	26	44	M	M	
7/15/86	27.6	16.5	0.00	3.80	0.68	99	80	691	793	22.5	20.4	21.3	20.2	2.33	1.44	133	50	76	M	M	
7/16/86	31.7	18.5	0.00	4.80	4.69	95	76	706	808	24.7	21.3	23.1	20.9	3.16	2.65	179	33	41	M	M	
7/17/86	31.8	24.1	0.00	6.40	5.70	90	73	724	825	25.8	23.0	23.9	22.4	4.43	4.30	199	14	0	M	M	
7/18/86	33.1	23.6	0.00	8.00	6.30	91	73	742	841	27.3	23.8	25.0	23.3	2.57	1.55	202	51	5	M	M	
7/19/86	28.6	16.5	11.18	6.50	6.73	93	59	755	854	26.0	23.4	24.8	23.2	3.18	1.93	322	51	40	M	M	
7/20/86	25.9	15.9	0.00	9.80	7.58	93	61	766	865	24.2	21.6	23.4	21.8	2.37	2.04	312	30	2	M	M	
7/21/86	26.8	13.8	0.00	3.90	7.98	94	55	776	875	24.2	20.7	22.4	20.9	1.92	1.55	253	36	0	M	M	
7/22/86	29.4	19.3	0.00	9.00	1.17	92	64	790	890	24.6	23.3	22.8	21.9	1.96	1.73	179	28	0	2.40	0.66	
7/23/86	29.7	17.8	0.00	5.50	7.88	93	70	804	903	25.1	21.8	23.3	21.6	4.35	4.20	180	15	0	2.55	0.62	
7/24/86	31.9	20.5	4.32	8.70	4.07	93	70	820	919	25.1	23.4	23.7	22.8	2.52	1.95	221	38	40	2.69	0.40	
7/25/86	27.4	15.6	0.00	6.70	7.90	97	52	832	930	24.7	22.4	23.2	22.3	2.33	1.73	1	41	42	2.07	0.62	
7/26/86	27.3	13.4	0.00	2.80	5.51	94	69	842	940	23.4	20.7	22.6	21.0	2.00	1.61	126	36	43	2.13	0.45	
7/27/86	28.0	17.5	19.56	2.30	4.28	94	81	855	953	23.7	21.4	22.6	21.3	2.42	0.81	191	66	46	2.42	0.33	
7/28/86	28.3	15.6	0.00	12.60	5.48	100	65	867	965	24.2	21.3	22.8	21.3	1.55	0.66	13	61	58	2.18	0.37	
7/29/86	29.3	14.7	0.00	0.60	7.24	100	64	879	977	24.6	21.3	23.2	21.3	1.73	1.33	128	39	53	2.27	0.55	
7/30/86	28.9	17.4	9.91	5.40	6.62	92	62	892	990	24.8	21.7	23.4	21.7	2.23	0.74	204	66	48	2.27	0.53	
7/31/86	25.1	13.3	0.00	5.80	7.25	92	48	901	999	23.7	21.0	23.1	21.2	2.74	2.34	289	31	0	1.71	0.72	
MONTHLY	MEAN 27.8	MEAN 16.5	TOTAL 94.75	TOTAL M		MEAN M	MN. M	MN. M	TOTL 377	TOT 371	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN 7.51	MEAN 6.94

ROSE MOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	26.6	12.0	0.00	8.30	7.04	94	54	911	1009	21.5	19.2	21.2	19.7	2.89	2.64	258	24	29	1.69	0.59
8/ 2/86	23.4	11.0	0.00	6.70	7.10	93	44	918	1016	20.5	18.5	20.3	19.0	2.84	2.46	313	30	0	1.43	0.61
8/ 3/86	24.9	10.4	0.00	6.50	7.25	93	55	925	1024	20.9	17.7	20.0	18.2	2.24	1.84	263	34	13	1.59	0.54
8/ 4/86	26.9	12.1	0.00	4.90	7.55	93	50	935	1033	21.6	18.3	20.5	18.6	2.52	2.26	212	26	23	1.77	0.68
8/ 5/86	27.8	13.7	0.00	7.20	6.70	92	63	946	1044	22.4	19.4	21.2	19.4	2.02	1.48	184	42	33	2.05	0.49
8/ 6/86	27.7	15.1	0.00	4.70	5.98	96	60	957	1055	22.5	20.0	21.4	19.9	1.52	1.01	157	47	39	1.96	0.50
8/ 7/86	25.4	15.1	2.03	3.90	4.83	92	61	967	1066	21.7	20.3	21.1	20.2	2.12	0.84	251	63	49	1.95	0.41
8/ 8/86	28.1	14.8	0.00	4.10	7.29	92	44	979	1077	21.8	19.5	21.0	19.7	2.27	1.83	290	36	33	1.76	0.80
8/ 9/86	28.5	14.8	0.00	5.80	7.15	92	53	990	1089	22.0	19.5	21.1	19.6	2.96	2.41	226	35	46	1.92	0.63
8/10/86	20.2	8.0	3.30	9.30	6.72	93	61	995	1094	21.1	18.7	20.7	19.0	2.90	2.51	312	29	35	1.45	0.39
8/11/86	23.4	7.4	0.00	2.90	7.13	94	42	1000	1100	19.5	16.8	19.0	17.5	1.71	1.38	270	35	11	1.20	0.59
8/12/86	25.3	9.1	0.00	3.60	5.38	93	57	1007	1108	19.4	15.7	18.7	17.2	2.71	2.38	162	28	6	1.57	0.48
8/13/86	20.8	14.5	0.00	6.00	1.79	92	85	1015	1116	18.8	17.9	18.5	17.9	3.72	3.51	149	19	55	1.78	0.21
8/14/86	25.7	15.9	37.59	M	5.83	92	71	1026	1127	20.7	18.1	19.8	17.9	3.55	2.85	236	36	45	2.08	0.38
8/15/86	28.7	12.7	0.00	M	7.21	98	63	1036	1137	22.2	18.5	20.9	18.6	1.78	1.53	197	30	43	2.09	0.55
8/16/86	31.1	17.2	0.00	4.40	6.63	90	69	1050	1151	23.3	20.1	22.0	19.9	2.96	1.63	218	54	51	M	0.55
8/17/86	26.1	13.5	21.59	6.50	6.92	92	47	1060	1161	22.3	20.2	21.7	20.3	2.69	2.18	5	35	46	1.76	0.64
8/18/86	24.9	12.0	0.00	6.10	4.85	92	68	1069	1169	21.0	18.7	20.7	19.1	1.35	1.11	82	34	5	1.84	0.38
8/19/86	26.5	11.6	0.00	3.90	6.38	96	65	1078	1178	21.5	18.5	20.7	18.8	2.16	1.87	167	29	19	1.89	0.46
8/20/86	19.5	12.0	23.11	5.10	1.08	91	87	1083	1184	20.6	18.7	20.3	18.8	2.11	0.63	231	68	99	1.68	0.19
8/21/86	21.8	9.6	0.00	5.20	6.31	91	59	1089	1190	19.1	16.8	18.8	17.4	2.30	1.84	43	36	40	1.44	0.42
8/22/86	24.5	14.1	2.79	M	1.73	92	84	1098	1199	18.7	17.2	18.4	17.4	4.17	2.08	193	57	70	1.77	0.26
8/23/86	22.2	10.5	0.00	5.30	6.27	92	58	1105	1205	19.3	17.0	18.7	17.2	2.28	1.72	339	40	17	1.48	0.42
8/24/86	19.1	8.1	2.79	0.80	2.53	94	80	1108	1210	18.0	15.9	18.1	16.5	2.58	2.36	158	23	84	1.52	0.21
8/25/86	29.5	14.9	0.00	2.90	4.89	93	69	1121	1222	20.7	17.1	19.5	17.0	1.80	0.11	171	79	63	2.17	0.44
8/26/86	20.7	10.3	5.59	0.50	4.03	91	69	1126	1228	20.0	17.9	19.3	18.2	3.39	2.85	359	32	34	1.61	0.33
8/27/86	16.2	6.0	0.00	5.80	5.41	93	46	1127	1231	17.9	15.4	18.2	16.1	2.37	1.98	352	33	22	0.92	0.38
8/28/86	19.8	5.2	0.00	3.20	6.14	94	49	1130	1236	17.3	13.8	16.8	14.6	1.65	0.96	244	52	39	1.09	0.39
8/29/86	20.4	5.6	0.00	3.50	5.46	93	55	1133	1241	16.9	13.8	16.3	14.5	3.21	2.91	174	25	49	1.19	0.43
8/30/86	24.2	13.7	2.54	7.90	5.61	89	72	1142	1250	18.5	15.3	17.6	15.4	3.73	3.54	152	18	34	1.73	0.40
8/31/86	27.2	14.8	0.00	2.70	5.57	90	62	1153	1261	19.7	16.5	18.7	16.5	3.76	3.57	180	18	9	1.86	0.61
MONTHLY	MEAN 24.4	MEAN 11.8	TOTAL 101.33	TOTAL M	MEAN 5.64	MM. 93	MM. 61	TOTL 251	TOT 261	MEAN 20.4	MEAN 17.8	MEAN 19.7	MEAN 18.1	MEAN 2.59	MEAN 2.01	MM. 211	MM. 37	MM. 37	MEAN M	MEAN 0.46
9/ 1/86	27.8	14.7	0.00	5.40	6.22	91	60	1164	1272	21.2	17.5	19.9	17.4	2.19	1.97	196	25	50	1.95	0.60
9/ 2/86	25.8	13.1	0.00	3.10	4.50	92	55	1173	1282	20.6	18.1	19.7	18.2	2.41	2.29	169	19	46	1.78	0.55
9/ 3/86	24.6	14.2	6.86	5.00	3.39	91	75	1183	1291	20.7	18.7	19.8	18.5	3.68	2.84	211	39	61	1.93	0.31
9/ 4/86	20.9	9.5	10.92	8.80	5.85	92	50	1188	1296	19.4	17.5	19.2	17.8	3.71	3.50	272	20	55	1.34	0.46
9/ 5/86	18.3	7.1	0.00	2.30	5.93	92	58	1191	1300	17.8	15.4	17.8	16.1	2.61	2.25	306	30	33	1.12	0.39
9/ 6/86	16.3	4.9	0.00	4.30	5.28	93	45	1191	1304	16.5	14.8	16.7	15.4	2.65	2.27	317	31	33	0.93	0.40
9/ 7/86	18.2	4.1	0.00	5.10	5.69	93	46	1192	1308	16.3	13.1	15.9	14.0	2.22	1.78	282	36	54	0.94	0.40
9/ 8/86	20.2	4.1	0.00	2.80	5.81	92	41	1194	1313	16.2	12.6	15.7	13.5	2.88	2.57	235	26	57	0.96	0.54
9/ 9/86	15.7	9.2	28.96	5.30	0.76	94	80	1197	1316	14.6	13.8	14.9	13.8	2.48	2.23	131	26	87	1.35	0.15
9/10/86	18.9	13.2	27.43	7.00	0.57	99	85	1203	1322	16.1	14.5	15.6	14.3	2.77	2.06	25	41	99	1.56	0.11
9/11/86	14.6	7.5	4.06	1.80	0.86	95	87	1204	1324	15.7	14.2	15.3	14.4	2.79	2.50	332	26	88	1.28	0.14
9/12/86	21.4	4.7	2.03	M	4.16	98	58	1207	1330	16.1	12.3	15.3	13.1	2.22	1.75	237	37	75	1.24	0.28
9/13/86	14.5	7.1	0.00	1.70	4.09	93	60	1208	1332	15.3	13.2	15.1	13.6	2.95	2.56	16	29	40	1.02	0.26
9/14/86	10.8	7.8	16.26	2.00	0.41	95	89	1208	1332	13.8	12.2	14.1	12.6	2.79	2.66	68	18	99	1.08	0.09
9/15/86	12.2	6.0	3.56	3.50	1.11	94	85	1208	1334	12.6	11.9	12.6	12.2	3.63	3.43	41	19	67	1.09	0.13
9/16/86	15.2	5.3	0.00	M	3.27	94	69	1208	1336	12.8	10.6	12.5	11.2	3.66	3.29	115	26	37	1.06	0.27
9/17/86	16.2	10.3	2.29	M	0.80	92	74	1211	1339	13.8	11.9	13.2	11.9	2.96	2.77	159	20	66	1.34	0.20
9/18/86 *	17.8	11.7	0.51	M	M	M	M	1216	1344	M	M	M	M	M	M	M	M	M	M	M
9/19/86 *	16.7	11.7	28.45	M	M	M	M	1220	1348	M	M	M	M	M	M	M	M	M	M	M
9/20/86 *	22.8	14.4	0.00	M	M	M	M	1229	1357	M	M	M	M	M	M	M	M	M	M	M
9/21/86 *	22.2	21.1	72.39	M	M	M	M	1241	1369	M	M	M	M	M	M	M	M	M	M	M
9/22/86 *	21.1	15.0	0.51	M	M	M	M	1249	1377	M	M	M	M	M	M	M	M	M	M	M
9/23/86 *	21.7	8.3	0.00	M	M	M	M	1254	1382	M	M	M	M	M	M	M	M	M	M	M
9/24/86	21.4	7.7	0.00	M	1.49	M	73	1258	1388	16.5	13.8	15.9	14.3	2.75	2.48	110	25	73	1.51	0.25
9/25/86	27.7	13.3	15.24	M	1.15	91	25	1269	1399	19.5	16.3	17.9	15.8	3.70	3.09	179	33	61	1.60	0.98
9/26/86 *	30.6	12.8	0.00	M	M	M	M	1280	1410	M	M	M	M	M	M	M	M	M	M	M
9/27/86 *	29.4	12.8	2.03	M	M	M	M	1291	1421	M	M	M	M	M	M	M	M	M	M	M
9/28/86 *	21.1	7.2	0.00	M	M	M	M	1296	1427	M	M	M	M	M	M	M	M	M	M	M
9/29/86 *	18.9	12.2	0.00	M	M	M	M	1301	1432	M	M	M	M	M	M	M	M	M	M	M
9/30/86 *	21.1	7.8	0.00	M	M	M	M	1306	1438	M	M	M	M	M	M	M	M	M	M	M
MONTHLY	MEAN 20.1	MEAN 10.0	TOTAL 221.50	TOTAL M	MEAN M	MM. M	MM. M	TOTL 153	TOT 177	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MM. M	MM. M	MM. M	MEAN M	MEAN 3.88

R O S E M O U N T

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86 *	21.1	5.0	0.00		M	M	M	M	1309	1443	M	M	M	M	M	M	M	M	M	M
10/ 2/86 *	21.1	6.7	0.00		M	M	M	M	1313	1449	M	M	M	M	M	M	M	M	M	M
10/ 3/86 *	16.7	10.0	7.11		M	M	M	M	1316	1452	M	M	M	M	M	M	M	M	M	M
10/ 4/86 *	14.4	5.6	2.03		M	M	M	M	1316	1454	M	M	M	M	M	M	M	M	M	M
10/ 5/86 *	13.9	5.6	0.51		M	M	M	M	1316	1456	M	M	M	M	M	M	M	M	M	M
10/ 6/86 *	15.6	-1.1	0.00		M	M	M	M	1316	1459	M	M	M	M	M	M	M	M	M	M
10/ 7/86 *	21.1	6.7	0.00		M	M	M	M	1320	1465	M	M	M	M	M	M	M	M	M	M
10/ 8/86 *	22.8	8.3	0.00		M	M	M	M	1325	1471	M	M	M	M	M	M	M	M	M	M
10/ 9/86 *	11.7	-1.7	0.00		M	M	M	M	1325	1472	M	M	M	M	M	M	M	M	M	M
10/10/86 *	12.8	0.6	0.00		M	M	M	M	1325	1473	M	M	M	M	M	M	M	M	M	M
10/11/86 *	12.8	3.3	33.27		M	M	M	M	1325	1475	M	M	M	M	M	M	M	M	M	M
10/12/86 *	5.6	2.2	6.60		M	M	M	M	1325	1475	M	M	M	M	M	M	M	M	M	M
10/13/86 *	7.2	-1.1	0.00		M	M	M	M	1325	1475	M	M	M	M	M	M	M	M	M	M
10/14/86 *	11.7	-1.1	0.00		M	M	M	M	1325	1476	M	M	M	M	M	M	M	M	M	M
10/15/86 *	11.1	-2.2	0.00		M	M	M	M	1325	1476	M	M	M	M	M	M	M	M	M	M
10/16/86 *	16.7	2.2	0.00		M	M	M	M	1325	1479	M	M	M	M	M	M	M	M	M	M
10/17/86 *	11.7	0.0	0.00		M	M	M	M	1325	1480	M	M	M	M	M	M	M	M	M	M
10/18/86 *	10.0	-1.1	0.00		M	M	M	M	1325	1480	M	M	M	M	M	M	M	M	M	M
10/19/86 *	20.0	1.7	0.00		M	M	M	M	1326	1485	M	M	M	M	M	M	M	M	M	M
10/20/86 *	22.8	7.8	0.00		M	M	M	M	1331	1492	M	M	M	M	M	M	M	M	M	M
10/21/86 *	22.8	1.7	0.00		M	M	M	M	1334	1498	M	M	M	M	M	M	M	M	M	M
10/22/86 *	22.2	8.9	0.00		M	M	M	M	1339	1504	M	M	M	M	M	M	M	M	M	M
10/23/86 *	18.3	8.9	0.00		M	M	M	M	1343	1508	M	M	M	M	M	M	M	M	M	M
10/24/86 *	16.7	7.2	2.03		M	M	M	M	1345	1512	M	M	M	M	M	M	M	M	M	M
10/25/86 *	13.9	7.8	0.00		M	M	M	M	1346	1514	M	M	M	M	M	M	M	M	M	M
10/26/86 *	13.9	3.3	0.00		M	M	M	M	1346	1516	M	M	M	M	M	M	M	M	M	M
10/27/86 *	19.4	3.9	0.00		M	M	M	M	1347	1520	M	M	M	M	M	M	M	M	M	M
10/28/86 *	20.0	5.0	0.00		M	M	M	M	1350	1525	M	M	M	M	M	M	M	M	M	M
10/29/86 *	13.9	0.6	0.00		M	M	M	M	1350	1527	M	M	M	M	M	M	M	M	M	M
10/30/86 *	13.9	2.2	0.00		M	M	M	M	1350	1529	M	M	M	M	M	M	M	M	M	M
10/31/86 *	13.9	-1.1	7.11		M	M	M	M	1350	1531	M	M	M	M	M	M	M	M	M	M
MONTHLY	MEAN 15.8	MEAN 3.4	TOTAL 58.66	TOTAL M	MEAN M	MN. M	MN. M	TOTL M	TOT 93	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
4/ 1/86 *	18.9	3.3	0.00	M	6.30	M	M	1	4	11.7	5.0	M	M	3.56	M	M	M	M	M	M
4/ 2/86 *	16.1	1.7	0.00	M	5.87	M	M	1	8	11.1	2.8	M	M	1.49	M	M	M	M	M	M
4/ 3/86 *	15.0	1.7	7.87	M	0.88	M	M	1	10	7.8	4.4	M	M	2.87	M	M	M	M	M	M
4/ 4/86 *	7.8	3.9	7.11	M	0.93	M	M	1	10	6.1	3.9	M	M	3.48	M	M	M	M	M	M
4/ 5/86 *	11.1	6.7	6.35	M	0.94	M	M	1	11	8.3	5.6	M	M	2.78	M	M	M	M	M	M
4/ 6/86 *	12.2	5.6	0.00	M	1.85	M	M	1	12	9.4	5.6	M	M	2.14	M	M	M	M	M	M
4/ 7/86 *	16.1	8.3	0.00	M	6.59	M	M	3	15	12.8	5.6	M	M	2.96	M	M	M	M	M	M
4/ 8/86 *	15.6	3.9	0.00	M	5.19	M	M	3	18	11.1	4.4	M	M	4.01	M	M	M	M	M	M
4/ 9/86 *	13.9	0.6	0.00	M	6.81	M	M	3	19	13.9	2.8	M	M	1.75	M	M	M	M	M	M
4/10/86 *	17.8	0.6	0.00	M	6.77	M	M	3	23	16.1	3.9	M	M	0.75	M	M	M	M	M	M
4/11/86 *	20.6	3.3	0.00	M	6.58	M	M	5	29	18.3	5.6	M	M	0.35	M	M	M	M	M	M
4/12/86 *	20.6	8.3	0.00	M	2.71	M	M	10	34	13.3	9.4	M	M	0.97	M	M	M	M	M	M
4/13/86 *	14.4	5.6	0.00	M	3.92	M	M	10	36	13.3	7.8	M	M	1.66	M	M	M	M	M	M
4/14/86 *	13.3	0.0	22.35	M	0.67	M	M	10	38	10.6	4.4	M	M	3.95	M	M	M	M	M	M
4/15/86 *	11.1	0.0	3.30	M	2.97	M	M	10	38	8.9	3.9	M	M	3.04	M	M	M	M	M	M
4/16/86 *	13.9	0.0	0.00	M	6.99	M	M	10	40	13.3	2.8	M	M	0.60	M	M	M	M	M	M
4/17/86 *	14.4	3.3	0.00	M	4.33	M	M	10	43	11.7	5.0	M	M	1.71	M	M	M	M	M	M
4/18/86 *	14.4	7.8	7.11	M	0.92	M	M	11	45	8.9	7.2	M	M	3.13	M	M	M	M	M	M
4/19/86 *	15.6	4.4	2.54	M	4.30	M	M	11	48	11.7	7.2	M	M	4.94	M	M	M	M	M	M
4/20/86 *	13.3	4.4	1.78	M	5.17	M	M	11	49	11.7	6.1	M	M	2.63	M	M	M	M	M	M
4/21/86 *	10.6	-0.6	0.00	M	6.57	M	M	11	49	13.3	4.4	M	M	3.04	M	M	M	M	M	M
4/22/86 *	13.9	-1.7	0.00	M	7.31	M	M	11	51	15.0	3.9	M	M	1.42	M	M	M	M	M	M
4/23/86 *	23.3	5.0	0.00	M	6.88	M	M	15	58	17.8	7.2	M	M	4.30	M	M	M	M	M	M
4/24/86 *	23.3	10.6	6.60	M	2.41	M	M	22	65	14.4	10.6	M	M	2.76	M	M	M	M	M	M
4/25/86 *	21.1	6.7	1.52	M	3.42	M	M	26	71	29.4	19.4	M	M	2.65	M	M	M	M	M	M
4/26/86 *	23.3	7.8	0.25	M	4.62	M	M	31	77	28.3	23.9	M	M	1.60	M	M	M	M	M	M
4/27/86 *	21.7	14.4	56.13	M	1.87	M	M	39	85	33.9	23.3	M	M	1.99	M	M	M	M	M	M
4/28/86 *	19.4	5.6	23.11	M	1.88	M	M	42	90	33.9	23.9	M	M	2.66	M	M	M	M	M	M
4/29/86 *	21.7	5.0	0.51	3.05	5.66	M	M	45	96	27.8	20.6	M	M	1.84	M	M	M	M	M	M
4/30/86 *	19.4	10.6	10.92	6.10	4.16	M	M	50	101	15.6	10.6	M	M	2.85	M	M	M	M	M	M
MONTHLY	MEAN 16.5	MEAN 4.6	TOTAL 157.45	TOTAL M	MEAN 4.18	MN. M	MN. M	TOTL 50	TOT 101	MEAN 15.3	MEAN 8.4	MEAN M	MEAN M	MEAN 2.46	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
5/ 1/86 *	15.6	5.0	0.00	5.08	4.50	M	M	51	104	13.3	8.3	M	M	4.68	M	M	M	M	M	M
5/ 2/86 *	13.3	1.7	0.00	4.32	7.33	M	M	51	105	17.8	6.7	M	M	2.65	M	M	M	M	M	M
5/ 3/86 *	18.3	2.2	0.00	5.59	7.66	M	M	51	109	20.0	7.8	M	M	1.02	M	M	M	M	M	M
5/ 4/86 *	28.3	11.7	0.00	8.38	7.41	M	M	61	119	23.3	12.2	M	M	3.39	M	M	M	M	M	M
5/ 5/86 *	28.3	16.1	0.00	13.46	7.21	M	M	73	132	25.0	10.6	M	M	4.40	M	M	M	M	M	M
5/ 6/86 *	28.3	13.3	0.00	12.95	7.55	M	M	84	142	21.7	15.0	M	M	4.17	M	M	M	M	M	M
5/ 7/86 *	15.6	7.8	0.00	4.83	4.50	M	M	86	145	18.9	13.3	M	M	2.20	M	M	M	M	M	M
5/ 8/86 *	16.7	7.2	6.60	7.87	4.00	M	M	87	149	15.0	12.2	M	M	3.06	M	M	M	M	M	M
5/ 9/86 *	17.8	10.0	6.35	4.06	2.95	M	M	91	152	15.6	11.7	M	M	3.15	M	M	M	M	M	M
5/10/86 *	18.3	12.8	5.59	2.29	1.64	M	M	97	158	14.4	13.3	M	M	2.42	M	M	M	M	M	M
5/11/86 *	19.4	12.2	30.99	M	2.92	M	M	103	164	18.9	12.8	M	M	0.62	M	M	M	M	M	M
5/12/86 *	24.4	14.4	0.00	2.03	4.62	M	M	112	173	20.6	15.0	M	M	1.49	M	M	M	M	M	M
5/13/86 *	22.8	12.8	14.73	1.52	0.79	M	M	120	181	16.7	12.8	M	M	0.88	M	M	M	M	M	M
5/14/86 *	22.2	6.7	0.00	2.79	7.55	M	M	124	187	21.7	10.6	M	M	0.34	M	M	M	M	M	M
5/15/86 *	22.8	12.8	0.00	4.57	3.64	M	M	132	195	18.9	14.4	M	M	0.89	M	M	M	M	M	M
5/16/86 *	21.1	10.6	0.00	3.81	4.14	M	M	138	201	20.0	13.3	M	M	0.63	M	M	M	M	M	M
5/17/86 *	16.7	7.2	0.00	6.10	6.81	M	M	140	204	21.7	12.2	M	M	2.01	M	M	M	M	M	M
5/18/86 *	17.2	5.0	0.00	6.10	8.15	M	M	141	208	22.8	11.7	M	M	1.71	M	M	M	M	M	M
5/19/86 *	17.2	5.6	0.00	7.11	7.98	M	M	142	211	23.3	12.8	M	M	1.27	M	M	M	M	M	M
5/20/86 *	17.8	3.3	0.00	6.60	8.53	M	M	143	215	23.9	12.2	M	M	1.02	M	M	M	M	M	M
5/21/86 *	20.0	3.9	0.00	7.11	8.65	M	M	145	220	24.4	12.2	M	M	0.67	M	M	M	M	M	M
5/22/86 *	21.7	5.0	0.00	6.86	8.41	M	M	148	226	25.6	13.3	M	M	0.45	M	M	M	M	M	M
5/23/86 *	21.7	8.9	0.00	6.60	6.20	M	M	154	232	23.3	15.6	M	M	1.45	M	M	M	M	M	M
5/24/86 *	23.3	7.2	0.51	4.83	6.29	M	M	159	239	25.0	14.4	M	M	0.54	M	M	M	M	M	M
5/25/86 *	21.1	10.0	15.49	3.30	1.71	M	M	164	244	17.8	15.0	M	M	0.32	M	M	M	M	M	M
5/26/86 *	24.4	12.2	3.56	2.29	5.79	M	M	173	252	21.1	14.4	M	M	1.01	M	M	M	M	M	M
5/27/86 *	27.2	14.4	0.00	6.60	7.58	M	M	184	263	26.1	15.6	M	M	1.12	M	M	M	M	M	M
5/28/86 *	27.2	13.9	0.00	7.62	7.91	M	M	194	274	28.9	17.8	M	M	0.82	M	M	M	M	M	M
5/29/86 *	29.4	15.6	0.00	7.11	7.90	M	M	207	286	30.6	19.4	M	M	0.43	M	M	M	M	M	M
5/30/86 *	30.0	17.8	0.00	8.89	7.05	M	M	221	300	31.1	21.7	M	M	0.89	M	M	M	M	M	M
5/31/86 *	31.1	18.3	0.00	9.91	7.83	M	M	235	314	31.7	21.7	M	M	1.06	M	M	M	M	M	M
MONTHLY	MEAN 21.9	MEAN 9.9	TOTAL 83.82	TOTAL M	MEAN 5.97	MN. M	MN. M	TOTL 185	TOT 214	MEAN 21.9	MEAN 13.5	MEAN M	MEAN M	MEAN 1.64	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86 *	27.8	15.6	0.00	10.16	7.58	M	M	247	326	28.9	21.7	M	M	2.09	M	M	M	M	M	M
6/ 2/86 *	21.1	5.6	0.00	7.62	8.77	M	M	250	332	27.2	16.7	M	M	1.71	M	M	M	M	M	M
6/ 3/86 *	30.6	12.2	0.00	10.41	8.27	M	M	262	343	28.9	17.8	M	M	3.17	M	M	M	M	M	M
6/ 4/86 *	30.0	17.2	2.54	7.37	2.79	M	M	275	356	25.0	17.2	M	M	1.43	M	M	M	M	M	M
6/ 5/86 *	22.8	10.6	0.00	5.84	7.87	M	M	282	363	26.7	15.0	M	M	1.64	M	M	M	M	M	M
6/ 6/86 *	23.9	15.6	0.00	5.59	3.17	M	M	292	373	23.9	20.0	M	M	1.49	M	M	M	M	M	M
6/ 7/86 *	25.6	18.3	0.00	5.33	5.57	M	M	304	385	27.2	20.0	M	M	2.65	M	M	M	M	M	M
6/ 8/86 *	25.0	11.1	0.00	7.37	8.62	M	M	312	393	29.4	17.8	M	M	1.36	M	M	M	M	M	M
6/ 9/86 *	26.7	11.7	0.00	9.91	8.55	M	M	321	402	29.4	18.9	M	M	1.42	M	M	M	M	M	M
6/10/86 *	28.3	18.3	0.25	7.62	4.57	M	M	334	415	27.8	21.7	M	M	2.03	M	M	M	M	M	M
6/11/86 *	28.9	10.0	10.16	5.84	1.81	M	M	344	425	21.7	15.0	M	M	2.70	M	M	M	M	M	M
6/12/86 *	26.1	8.9	0.51	2.79	6.50	M	M	351	433	25.6	13.9	M	M	1.86	M	M	M	M	M	M
6/13/86 *	25.6	11.1	0.00	7.11	6.17	M	M	359	441	25.6	16.7	M	M	0.99	M	M	M	M	M	M
6/14/86 *	25.6	11.7	0.00	6.10	7.62	M	M	368	450	28.9	17.8	M	M	0.32	M	M	M	M	M	M
6/15/86 *	29.4	15.6	0.00	7.11	6.93	M	M	381	462	29.4	19.4	M	M	1.75	M	M	M	M	M	M
6/16/86 *	29.4	14.4	0.00	10.67	8.44	M	M	393	474	30.0	21.1	M	M	3.45	M	M	M	M	M	M
6/17/86 *	26.1	9.4	0.00	8.64	8.64	M	M	400	482	31.1	18.9	M	M	0.58	M	M	M	M	M	M
6/18/86 *	31.1	9.4	6.35	6.35	6.76	M	M	411	492	30.0	20.6	M	M	1.25	M	M	M	M	M	M
6/19/86 *	33.9	22.8	0.00	8.89	7.97	M	M	429	509	34.4	23.3	M	M	1.97	M	M	M	M	M	M
6/20/86 *	33.3	21.7	0.00	11.18	6.76	M	M	446	524	32.8	26.1	M	M	1.38	M	M	M	M	M	M
6/21/86 *	30.0	20.0	47.50	M	6.09	M	M	461	539	30.0	23.9	M	M	2.42	M	M	M	M	M	M
6/22/86 *	30.0	16.7	77.47	M	6.33	M	M	475	553	26.7	21.1	M	M	2.76	M	M	M	M	M	M
6/23/86 *	24.4	16.1	0.25	5.33	4.58	M	M	485	563	25.0	19.4	M	M	1.14	M	M	M	M	M	M
6/24/86 *	21.7	9.4	0.00	5.59	8.66	M	M	491	569	29.4	17.2	M	M	0.75	M	M	M	M	M	M
6/25/86 *	30.6	13.3	0.00	8.64	7.34	M	M	502	581	29.4	19.4	M	M	2.05	M	M	M	M	M	M
6/26/86 *	31.1	23.9	1.27	6.86	4.47	M	M	520	597	28.3	23.9	M	M	2.44	M	M	M	M	M	M
6/27/86 *	29.4	21.1	0.00	6.86	7.72	M	M	535	613	33.9	23.3	M	M	0.95	M	M	M	M	M	M
6/28/86 *	28.3	16.7	0.00	7.87	7.48	M	M	548	625	33.9	23.9	M	M	0.56	M	M	M	M	M	M
6/29/86 *	27.2	16.7	0.00	6.86	4.78	M	M	560	637	27.8	20.6	M	M	0.62	M	M	M	M	M	M
6/30/86 *	20.0	12.8	13.72	1.52	1.79	M	M	566	644	21.1	18.3	M	M	1.64	M	M	M	M	M	M
MONTHLY	MEAN 27.5	MEAN 14.6	TOTAL 160.02	TOTAL M	MEAN 6.42	MN. M	MN. M	TOTL 331	TOT 329	MEAN 28.3	MEAN 19.7	MEAN M	MEAN M	MEAN 1.68	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
7/ 1/86 *	21.1	13.9	0.51	1.78	2.72	M	M	574	651	23.3	17.2	M	M	0.56	M	M	M	M	M	M
7/ 2/86 *	25.0	14.4	0.00	4.83	7.29	M	M	583	661	27.2	17.8	M	M	0.71	M	M	M	M	M	M
7/ 3/86 *	28.3	15.0	0.00	7.87	8.22	M	M	595	672	30.6	19.4	M	M	1.12	M	M	M	M	M	M
7/ 4/86 *	32.2	18.3	0.51	7.11	6.79	M	M	610	687	32.2	22.8	M	M	2.66	M	M	M	M	M	M
7/ 5/86 *	32.2	25.6	0.00	8.89	4.66	M	M	629	704	30.6	25.0	M	M	2.85	M	M	M	M	M	M
7/ 6/86 *	31.7	15.6	8.13	6.60	5.31	M	M	643	717	27.8	21.1	M	M	0.69	M	M	M	M	M	M
7/ 7/86 *	30.0	18.9	0.00	7.62	8.29	M	M	657	732	33.3	21.1	M	M	0.34	M	M	M	M	M	M
7/ 8/86 *	30.0	19.4	1.52	5.59	3.45	M	M	672	746	27.8	22.8	M	M	0.60	M	M	M	M	M	M
7/ 9/86 *	26.7	14.4	11.18	5.59	7.80	M	M	682	757	30.6	20.0	M	M	0.58	M	M	M	M	M	M
7/10/86 *	27.2	16.7	0.00	5.59	5.26	M	M	694	769	28.9	21.7	M	M	0.82	M	M	M	M	M	M
7/11/86 *	23.9	16.7	13.21	3.81	3.63	M	M	705	779	25.6	21.1	M	M	1.55	M	M	M	M	M	M
7/12/86 *	25.0	16.7	14.22	4.83	4.71	M	M	716	790	25.6	20.6	M	M	0.52	M	M	M	M	M	M
7/13/86 *	24.4	13.9	5.59	6.60	5.24	M	M	725	799	23.9	18.3	M	M	2.07	M	M	M	M	M	M
7/14/86 *	26.7	15.0	0.00	4.57	6.60	M	M	736	810	28.3	18.3	M	M	0.91	M	M	M	M	M	M
7/15/86 *	26.7	20.0	1.27	2.79	3.15	M	M	749	823	26.7	21.7	M	M	0.82	M	M	M	M	M	M
7/16/86 *	32.2	20.6	0.00	6.10	7.21	M	M	765	839	32.8	22.2	M	M	0.99	M	M	M	M	M	M
7/17/86 *	33.3	25.0	0.00	10.16	7.83	M	M	784	856	35.0	25.6	M	M	2.59	M	M	M	M	M	M
7/18/86 *	34.4	25.0	0.00	6.86	7.48	M	M	804	874	37.2	27.2	M	M	1.45	M	M	M	M	M	M
7/19/86 *	34.4	18.9	21.84	9.65	5.65	M	M	821	888	31.1	25.6	M	M	1.55	M	M	M	M	M	M
7/20/86 *	29.4	17.2	0.00	8.38	7.36	M	M	834	901	37.8	37.8	M	M	1.83	M	M	M	M	M	M
7/21/86 *	28.3	15.0	0.00	7.62	7.65	M	M	846	913	32.8	23.3	M	M	0.56	M	M	M	M	M	M
7/22/86 *	30.6	20.6	0.00	7.62	7.72	M	M	861	928	33.9	23.3	M	M	0.67	M	M	M	M	M	M
7/23/86 *	31.1	17.8	0.00	8.89	7.62	M	M	876	942	33.3	25.0	M	M	0.02	M	M	M	M	M	M
7/24/86 *	31.1	24.4	3.05	5.84	2.86	M	M	894	959	28.9	25.0	M	M	2.20	M	M	M	M	M	M
7/25/86 *	27.2	17.2	0.00	5.08	7.35	M	M	906	972	32.8	22.8	M	M	1.01	M	M	M	M	M	M
7/26/86 *	27.2	17.2	0.51	4.06	3.59	M	M	918	984	26.7	22.8	M	M	0.41	M	M	M	M	M	M
7/27/86 *	27.8	18.9	22.35	9.40	5.49	M	M	931	997	28.3	22.2	M	M	1.60	M	M	M	M	M	M
7/28/86 *	28.3	16.7	0.00	4.32	6.07	M	M	944	1010	31.7	21.7	M	M	0.26	M	M	M	M	M	M
7/29/86 *	28.9	17.8	0.00	5.59	6.95	M	M	957	1023	33.3	23.3	M	M	0.39	M	M	M	M	M	M
7/30/86 *	28.9	18.9	15.75	9.40	6.33	M	M	971	1037	29.4	23.9	M	M	1.42	M	M	M	M	M	M
7/31/86 *	28.3	17.8	0.00	7.87	7.29	M	M	984	1050	30.0	21.7	M	M	1.42	M	M	M	M	M	M
MONTHLY	MEAN 28.8	MEAN 18.2	TOTAL 119.64	TOTAL 200.91	MEAN 6.05	MN. M	MN. M	TOTL 418	TOT 406	MEAN 30.2	MEAN 22.7	MEAN M	MEAN M	MEAN 1.13	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M

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DATE	MAX AIR	MIN AIR	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE	ACCM D.D. BASE	MAX SOIL TEMP	MIN SOIL TEMP	MAX SOIL TEMP	MIN SOIL TEMP	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES	VAP DEF
	TEMP	TEMP						10	1030	10CM	10CM	20CM	20CM								
8/ 1/86	* 27.8	15.0	0.00	8.64	7.55	M	M	996	1061	30.6	21.1	M	M	1.58	M	M	M	M	M	M	M
8/ 2/86	* 26.7	12.8	0.00	8.38	6.77	M	M	1005	1071	28.3	20.6	M	M	2.37	M	M	M	M	M	M	M
8/ 3/86	* 25.0	13.9	0.00	6.60	7.16	M	M	1015	1081	30.0	20.0	M	M	1.30	M	M	M	M	M	M	M
8/ 4/86	* 27.8	15.6	0.00	7.37	6.81	M	M	1026	1092	31.1	21.1	M	M	0.99	M	M	M	M	M	M	M
8/ 5/86	* 28.3	16.1	2.54	7.11	6.27	M	M	1039	1104	32.2	22.8	M	M	1.08	M	M	M	M	M	M	M
8/ 6/86	* 26.7	17.2	4.06	3.81	4.48	M	M	1051	1116	27.8	21.7	M	M	0.58	M	M	M	M	M	M	M
8/ 7/86	* 25.0	17.2	3.30	3.05	3.45	M	M	1062	1128	25.6	21.1	M	M	0.43	M	M	M	M	M	M	M
8/ 8/86	* 28.3	16.7	0.00	7.11	7.03	M	M	1074	1140	29.4	19.4	M	M	1.84	M	M	M	M	M	M	M
8/ 9/86	* 30.0	18.3	0.00	7.87	6.57	M	M	1088	1154	31.1	21.7	M	M	1.25	M	M	M	M	M	M	M
8/10/86	* 27.2	13.3	9.65	7.11	3.52	M	M	1099	1164	23.9	18.9	M	M	2.44	M	M	M	M	M	M	M
8/11/86	* 22.8	9.4	0.00	4.57	6.65	M	M	1105	1171	26.7	16.1	M	M	0.89	M	M	M	M	M	M	M
8/12/86	* 25.0	9.4	0.00	5.59	5.56	M	M	1112	1178	26.7	18.3	M	M	0.93	M	M	M	M	M	M	M
8/13/86	* 25.0	15.6	0.00	4.57	2.22	M	M	1122	1189	22.2	20.0	M	M	2.40	M	M	M	M	M	M	M
8/14/86	* 25.6	16.1	17.27	3.81	3.48	M	M	1133	1199	23.9	18.9	M	M	1.96	M	M	M	M	M	M	M
8/15/86	* 29.4	15.0	0.00	4.32	6.62	M	M	1145	1212	27.8	18.3	M	M	0.62	M	M	M	M	M	M	M
8/16/86	* 31.7	19.4	0.00	6.60	6.72	M	M	1161	1226	31.7	21.1	M	M	0.93	M	M	M	M	M	M	M
8/17/86	* 31.7	16.7	15.24	7.62	7.01	M	M	1175	1240	27.8	21.7	M	M	1.14	M	M	M	M	M	M	M
8/18/86	* 25.6	12.8	0.00	7.62	5.67	M	M	1184	1249	27.8	18.9	M	M	0.28	M	M	M	M	M	M	M
8/19/86	* 26.7	15.6	0.00	5.59	6.44	M	M	1195	1260	30.0	20.0	M	M	0.71	M	M	M	M	M	M	M
8/20/86	* 26.7	16.7	14.99	4.83	1.53	M	M	1207	1272	24.4	18.3	M	M	1.38	M	M	M	M	M	M	M
8/21/86	* 21.7	10.6	0.00	3.56	6.41	M	M	1213	1278	23.9	15.0	M	M	0.91	M	M	M	M	M	M	M
8/22/86	* 23.9	13.3	2.79	3.30	1.58	M	M	1222	1286	20.6	17.2	M	M	1.84	M	M	M	M	M	M	M
8/23/86	* 23.9	13.3	0.00	4.32	6.16	M	M	1230	1295	25.6	16.1	M	M	2.37	M	M	M	M	M	M	M
8/24/86	* 22.2	11.1	2.03	3.56	2.93	M	M	1237	1302	20.0	16.7	M	M	0.89	M	M	M	M	M	M	M
8/25/86	* 28.3	16.7	0.51	2.03	4.53	M	M	1249	1314	26.1	17.2	M	M	1.02	M	M	M	M	M	M	M
8/26/86	* 27.8	16.1	2.29	4.57	3.77	M	M	1261	1326	22.2	16.7	M	M	1.08	M	M	M	M	M	M	M
8/27/86	* 19.4	6.1	0.00	5.33	5.34	M	M	1264	1331	21.1	12.8	M	M	0.99	M	M	M	M	M	M	M
8/28/86	* 20.0	7.2	0.00	3.81	5.88	M	M	1268	1336	23.3	13.3	M	M	0.52	M	M	M	M	M	M	M
8/29/86	* 21.1	9.4	0.00	5.33	6.08	M	M	1273	1341	23.9	14.4	M	M	1.34	M	M	M	M	M	M	M
8/30/86	* 23.3	13.3	0.00	5.59	5.19	M	M	1281	1350	25.0	17.2	M	M	2.55	M	M	M	M	M	M	M
8/31/86	* 28.3	16.1	0.00	6.86	5.81	M	M	1294	1362	27.8	18.9	M	M	2.55	M	M	M	M	M	M	M

MONTHLY	MEAN 25.9	MEAN 14.1	TOTAL 74.67	TOTAL 170.43	MEAN 5.33	MN. M	MN. M	TOTL 309	TOT 312	MEAN 26.4	MEAN 18.6	MEAN M	MEAN M	MEAN 1.33	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
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9/ 1/86	* 28.3	15.6	0.00	6.35	5.79	M	M	1306	1374	28.9	20.0	M	M	1.47	M	M	M	M	M	M	M
9/ 2/86	* 27.2	16.1	0.00	6.86	5.20	M	M	1317	1386	27.8	20.6	M	M	1.12	M	M	M	M	M	M	M
9/ 3/86	* 25.0	17.2	9.91	3.30	3.08	M	M	1328	1397	23.9	19.4	M	M	1.92	M	M	M	M	M	M	M
9/ 4/86	* 25.6	13.9	9.14	8.13	5.93	M	M	1338	1406	21.7	16.7	M	M	2.59	M	M	M	M	M	M	M
9/ 5/86	* 25.6	10.0	0.00	5.84	5.94	M	M	1346	1414	22.2	14.4	M	M	2.53	M	M	M	M	M	M	M
9/ 6/86	* 17.8	8.9	0.00	5.84	5.84	M	M	1349	1418	21.7	14.4	M	M	2.50	M	M	M	M	M	M	M
9/ 7/86	* 18.3	6.1	0.00	4.83	5.80	M	M	1351	1422	22.2	12.8	M	M	1.42	M	M	M	M	M	M	M
9/ 8/86	* 20.6	7.8	0.00	5.59	6.27	M	M	1356	1428	23.3	13.3	M	M	1.15	M	M	M	M	M	M	M
9/ 9/86	* 16.7	10.0	20.07	3.81	M	M	M	1359	1431	37.8	37.8	M	M	0.97	M	M	M	M	M	M	M
9/10/86	* 17.2	12.8	7.62	1.52	M	M	M	1364	1436	37.8	37.8	M	M	1.08	M	M	M	M	M	M	M
9/11/86	* 20.0	11.7	1.27	0.76	M	M	M	1370	1442	37.8	37.8	M	M	1.64	M	M	M	M	M	M	M
9/12/86	* 15.6	7.2	0.51	2.54	4.05	M	M	1371	1444	17.8	10.6	M	M	0.84	M	M	M	M	M	M	M
9/13/86	* 15.6	6.1	0.00	4.06	5.37	M	M	1372	1447	18.9	11.1	M	M	1.19	M	M	M	M	M	M	M
9/14/86	* 13.3	7.8	15.75	0.51	0.90	M	M	1373	1449	15.0	11.7	M	M	0.65	M	M	M	M	M	M	M
9/15/86	* 12.8	8.3	9.91	1.52	1.53	M	M	1373	1450	13.3	10.6	M	M	1.77	M	M	M	M	M	M	M
9/16/86	* 14.4	5.0	0.00	2.03	3.51	M	M	1373	1453	13.9	8.9	M	M	1.64	M	M	M	M	M	M	M
9/17/86	* 15.6	10.0	3.30	2.03	1.07	M	M	1376	1455	14.4	11.1	M	M	2.44	M	M	M	M	M	M	M
9/18/86	* 16.1	12.2	0.25	0.76	2.57	M	M	1380	1459	16.7	13.3	M	M	1.12	M	M	M	M	M	M	M
9/19/86	* 16.7	11.7	13.46	1.78	1.14	M	M	1384	1464	16.1	13.3	M	M	2.33	M	M	M	M	M	M	M
9/20/86	* 19.4	14.4	0.51	M	1.70	M	M	1391	1471	18.3	15.0	M	M	0.75	M	M	M	M	M	M	M
9/21/86	* 21.7	13.3	41.40	M	1.15	M	M	1399	1478	17.8	15.6	M	M	2.35	M	M	M	M	M	M	M
9/22/86	* 21.7	15.6	3.05	1.27	1.49	M	M	1407	1487	18.3	15.0	M	M	0.60	M	M	M	M	M	M	M
9/23/86	* 22.8	10.6	0.00	2.54	4.44	M	M	1414	1493	19.4	12.8	M	M	0.67	M	M	M	M	M	M	M
9/24/86	* 21.7	11.1	0.00	3.05	3.03	M	M	1420	1500	17.8	12.8	M	M	0.80	M	M	M	M	M	M	M
9/25/86	* 27.8	11.1	18.03	7.87	4.97	M	M	1430	1509	21.1	15.6	M	M	2.78	M	M	M	M	M	M	M
9/26/86	* 30.0	15.0	0.00	5.08	4.62	M	M	1442	1522	23.9	14.4	M	M	0.97	M	M	M	M	M	M	M
9/27/86	* 28.3	12.8	0.00	4.32	5.13	M	M	1453	1532	24.4	15.6	M	M	0.34	M	M	M	M	M	M	M
9/28/86	* 25.6	7.8	0.00	2.03	2.21	M	M	1459	1540	18.3	14.4	M	M	0.22	M	M	M	M	M	M	M
9/29/86	* 18.9	11.7	0.00	2.03	2.88	M	M	1465	1545	18.9	14.4	M	M	0.91	M	M	M	M	M	M	M
9/30/86	* 20.0	10.0	0.00	2.29	3.62	M	M	1470	1550	20.0	12.8	M	M	0.50	M	M	M	M	M	M	M

MONTHLY	MEAN 20.7	MEAN 11.1	TOTAL 154.18	TOTAL M	MEAN M	MN. M	MN. M	TOTL 176	TOT 188	MEAN 21.6	MEAN 16.5	MEAN M	MEAN M	MEAN 1.37	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D.	ACCM D.D.	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	* 21.1	7.2	0.00	3.30	4.77	M	M	1474	1556	21.1	11.7	M	M	0.22	M	M	M	M	M	M
10/ 2/86	* 21.1	7.8	0.00	2.03	1.74	M	M	1478	1561	16.1	12.8	M	M	0.69	M	M	M	M	M	M
10/ 3/86	* 15.6	8.9	3.05	0.76	0.98	M	M	1481	1564	14.4	11.1	M	M	1.12	M	M	M	M	M	M
10/ 4/86	* 13.9	4.4	0.25	2.03	3.98	M	M	1481	1566	15.6	9.4	M	M	0.76	M	M	M	M	M	M
10/ 5/86	* 13.9	8.3	0.00	4.57	4.27	M	M	1482	1568	15.0	10.0	M	M	2.14	M	M	M	M	M	M
10/ 6/86	* 15.6	1.1	0.00	3.30	3.85	M	M	1482	1571	14.4	7.8	M	M	1.23	M	M	M	M	M	M
10/ 7/86	* 22.8	10.6	0.25	2.29	2.72	M	M	1488	1587	16.7	10.0	M	M	1.30	M	M	M	M	M	M
10/ 8/86	* 22.2	7.2	7.62	7.11	2.12	M	M	1493	1584	13.3	10.0	M	M	1.55	M	M	M	M	M	M
10/ 9/86	* 12.8	-0.6	0.00	3.05	4.55	M	M	1493	1585	13.3	6.1	M	M	0.84	M	M	M	M	M	M
10/10/86	* 12.2	3.3	0.00	M	1.67	M	M	1493	1586	10.0	6.1	M	M	1.94	M	M	M	M	M	M
10/11/86	* 12.2	2.8	13.21	1.02	0.50	M	M	1493	1587	10.0	6.7	M	M	2.09	M	M	M	M	M	M
10/12/86	* 4.4	2.2	9.14	M	1.03	M	M	1493	1587	7.8	5.6	M	M	2.78	M	M	M	M	M	M
10/13/86	* 5.6	-1.1	0.00	M	3.00	M	M	1493	1587	8.9	3.9	M	M	0.86	M	M	M	M	M	M
10/14/86	* 11.7	0.6	0.00	M	3.09	M	M	1493	1588	8.9	3.9	M	M	1.36	M	M	M	M	M	M
10/15/86	* 11.1	0.0	0.00	M	2.97	M	M	1493	1589	8.9	3.3	M	M	0.45	M	M	M	M	M	M
10/16/86	* 15.6	5.6	0.00	M	4.00	M	M	1494	1591	13.3	5.6	M	M	1.42	M	M	M	M	M	M
10/17/86	* 15.0	0.6	0.00	M	1.87	M	M	1494	1594	10.0	5.6	M	M	1.01	M	M	M	M	M	M
10/18/86	* 14.4	1.7	0.00	M	3.90	M	M	1494	1596	12.2	5.0	M	M	1.57	M	M	M	M	M	M
10/19/86	* 19.4	2.8	0.00	M	3.63	M	M	1495	1601	13.9	5.6	M	M	0.84	M	M	M	M	M	M
10/20/86	* 22.8	10.6	0.00	M	3.52	M	M	1501	1608	16.7	8.9	M	M	0.62	M	M	M	M	M	M
10/21/86	* 22.8	7.2	0.00	M	3.45	M	M	1506	1614	16.7	9.4	M	M	0.54	M	M	M	M	M	M
10/22/86	* 23.3	11.7	0.00	M	2.06	M	M	1514	1621	15.0	11.1	M	M	0.54	M	M	M	M	M	M
10/23/86	* 18.3	7.8	0.00	M	2.45	M	M	1517	1626	15.6	10.6	M	M	0.39	M	M	M	M	M	M
10/24/86	* 14.4	6.1	0.25	M	0.69	M	M	1517	1628	12.2	10.0	M	M	1.51	M	M	M	M	M	M
10/25/86	* 12.2	8.9	0.00	M	1.45	M	M	1518	1629	11.7	8.9	M	M	1.02	M	M	M	M	M	M
10/26/86	* 12.2	4.4	0.00	M	3.06	M	M	1518	1630	13.3	8.3	M	M	0.86	M	M	M	M	M	M
10/27/86	* 18.9	4.4	0.00	M	3.21	M	M	1519	1634	13.9	7.2	M	M	0.71	M	M	M	M	M	M
10/28/86	* 19.4	7.8	0.00	M	2.78	M	M	1523	1639	13.9	8.3	M	M	1.02	M	M	M	M	M	M
10/29/86	* 13.3	2.2	0.00	M	3.36	M	M	1523	1641	12.8	7.2	M	M	1.90	M	M	M	M	M	M
10/30/86	* 13.9	1.1	0.00	M	2.58	M	M	1523	1643	11.1	6.1	M	M	1.45	M	M	M	M	M	M
10/31/86	* 13.3	1.1	5.33	M	0.53	M	M	1523	1644	10.0	5.6	M	M	3.63	M	M	M	M	M	M
MONTHLY	MEAN 15.7	MEAN 4.7	TOTAL 39.10	TOTAL M	MEAN 2.70	MN. M	MN. M	TOTL 53	TOT 94	MEAN 13.1	MEAN 7.8	MEAN M	MEAN M	MEAN 1.24	MEAN M	MN. M	MN. M	MN. M	MEAN M	MEAN M

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
4/ 1/86	12.0	-2.1	0.00		M 6.05	81	26	0	1	3.0	-0.1	M	M 3.36	3.08	299	24	M 0.47	0.44		
4/ 2/86	13.4	-2.7	10.16		M 3.56	82	28	0	3	2.3	-0.1	M	M 4.07	3.64	115	26	M 0.46	0.56		
4/ 3/86	5.3	0.9	5.84		M 0.91	83	48	0	3	1.1	0.4	M	M 4.18	4.02	71	16	M 0.58	0.16		
4/ 4/86	7.3	0.9	1.02		M 1.71	83	70	0	3	1.6	0.1	M	M 5.53	5.40	84	13	M 0.61	0.17		
4/ 5/86	4.2	0.9	0.00		M 0.88	91	81	0	3	1.8	0.6	M	M 2.91	2.37	77	35	M 0.62	0.09		
4/ 6/86	16.7	0.1	0.00		M 4.11	93	55	0	6	5.1	1.1	M	M 3.47	2.92	243	33	M 0.79	0.33		
4/ 7/86	14.6	3.6	1.52		M 6.26	77	28	0	8	5.3	1.3	M	M 5.94	5.51	306	22	M 0.63	0.58		
4/ 8/86	12.0	-1.0	0.00		M 6.42	75	27	0	9	4.9	0.9	M	M 5.54	4.98	336	26	M 0.46	0.50		
4/ 9/86	15.1	-3.5	0.00		M 6.50	79	17	0	12	5.8	0.6	M	M 1.81	1.56	345	30	M 0.36	0.64		
4/10/86	19.8	-3.5	0.00		M 6.41	80	17	0	17	7.5	1.1	M	M 0.76	0.54	316	44	M 0.47	0.79		
4/11/86	21.2	-1.2	0.00		M 6.24	80	16	0	22	8.7	2.1	M	M 1.53	1.02	152	47	M 0.57	0.89		
4/12/86	10.7	-1.9	0.51		M 1.75	79	73	0	23	6.5	3.0	M	M 4.31	3.91	331	25	M 0.54	0.16		
4/13/86	11.6	-1.8	19.05		M 2.90	79	44	0	24	5.2	2.4	M	M 4.26	3.52	88	34	M 0.56	0.38		
4/14/86	5.0	1.2	2.03		M 0.58	80	61	0	24	4.4	3.1	M	M 6.08	5.53	63	24	M 0.59	0.17		
4/15/86	14.0	2.0	0.00		M 5.61	79	29	0	26	7.3	2.8	M	M 4.13	3.74	357	25	M 0.55	0.51		
4/16/86	15.3	-1.9	0.00		M 6.75	81	21	0	28	8.7	2.8	M	M 2.34	2.07	105	27	M 0.45	0.62		
4/17/86	14.0	-0.0	0.00		M 3.18	77	52	0	30	6.9	3.9	M	M 4.40	4.18	126	18	M 0.65	0.43		
4/18/86	9.3	6.0	17.53		M 0.54	80	62	0	30	6.2	5.1	M	M 5.38	5.16	121	16	M 0.75	0.27		
4/19/86	14.5	2.3	1.78		M 4.28	80	35	0	32	8.5	5.7	M	M 6.23	5.18	274	33	M 0.71	0.32		
4/20/86	9.7	-0.7	0.25		M 4.51	80	53	0	32	7.6	4.7	M	M 5.50	4.88	332	27	M 0.57	0.28		
4/21/86	8.2	-3.6	0.00		M 7.22	77	19	0	32	8.8	3.4	M	M 3.10	2.64	2	31	M 0.30	0.41		
4/22/86	14.2	-5.4	0.00		M 6.91	81	29	0	35	9.3	3.4	M	M 4.74	4.51	180	18	M 0.46	0.56		
4/23/86	23.7	7.9	4.57		M 6.18	61	38	6	41	11.8	6.2	M	M 7.52	7.26	176	15	M 0.85	1.01		
4/24/86	16.4	5.0	0.00		M 4.00	79	22	7	45	10.9	8.2	M	M 3.59	2.94	357	34	18	0.73	0.59	
4/25/86	12.9	3.8	9.91		M 2.58	80	52	7	46	8.6	6.6	M	M 4.85	4.56	88	20	35	0.72	0.36	
4/26/86	18.2	3.3	2.79		M 4.47	80	51	7	50	11.8	7.0	M	M 2.57	0.80	322	67	22	0.85	0.38	
4/27/86	10.8	5.5	18.80		M 0.96	88	78	7	50	10.6	9.2	M	M 2.25	1.40	360	50	65	0.92	0.23	
4/28/86	6.2	0.8	9.91		M 1.72	90	76	7	50	9.8	6.7	M	M 5.19	4.99	309	16	77	0.62	0.16	
4/29/86	21.6	-0.4	9.65		M 6.02	87	17	8	56	11.9	5.5	M	M 2.70	1.68	205	50	47	0.69	0.81	
4/30/86	14.2	5.5	0.51	5.08	2.88	79	42	8	58	10.6	8.5	M	M 5.25	3.97	289	40	39	0.86	0.40	

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	13.1	0.7	115.83	M	4.07	81	42	8	58	7.1	3.5	M	M 4.12	3.60	214	29	10	0.61	0.44	

5/ 1/86	6.8	0.2	0.00	2.79	2.65	78	70	8	58	8.5	6.2	M	M 7.22	6.90	316	17	0	0.54	0.19	
5/ 2/86	14.0	-2.8	0.00	4.06	7.59	81	23	8	60	11.8	4.8	M	M 1.89	1.52	335	35	9	0.44	0.52	
5/ 3/86	18.4	-0.7	0.00	6.60	5.94	81	37	8	65	12.1	6.1	M	M 3.97	3.68	161	22	24	0.68	0.67	
5/ 4/86	27.1	10.4	0.00	9.40	7.06	75	45	17	73	15.6	8.9	M	M 5.81	5.60	181	15	0	1.34	0.97	
5/ 5/86	26.0	9.0	0.00	10.41	6.42	73	24	24	81	16.5	12.0	M	M 7.85	6.26	198	37	0	1.14	1.06	
5/ 6/86	10.8	4.8	0.00	1.78	1.84	78	51	24	82	13.0	9.8	M	M 8.30	7.56	264	24	11	0.70	0.31	
5/ 7/86	13.6	9.0	18.80	6.86	2.14	60	49	25	83	12.4	10.9	M	M 4.83	4.63	88	16	2	0.72	0.63	
5/ 8/86	9.0	3.4	25.40	4.57	0.84	94	57	25	83	10.9	8.0	M	M 4.99	4.72	85	19	78	0.80	0.10	
5/ 9/86	16.3	5.1	0.51	1.27	2.23	92	84	26	87	11.2	7.9	M	M 5.81	5.51	123	18	25	1.31	0.17	
5/10/86	18.9	12.4	0.00	3.56	3.58	94	77	32	92	13.6	10.7	M	M 3.98	3.69	133	22	14	1.50	0.21	
5/11/86	22.4	11.1	6.86	4.83	5.50	94	60	38	99	16.5	11.5	M	M 2.32	1.94	157	33	5	1.48	0.36	
5/12/86	21.4	10.4	0.00	5.84	3.11	96	63	44	105	15.7	12.7	M	M 2.63	0.83	181	67	40	1.46	0.30	
5/13/86	22.0	5.5	0.00	1.27	6.18	98	39	48	111	16.9	11.2	M	M 0.76	0.50	267	48	34	1.07	0.61	
5/14/86	21.8	5.5	19.05	12.19	6.57	99	47	52	117	16.9	11.3	M	M 3.34	2.88	148	30	52	1.25	0.55	
5/15/86	19.1	8.6	0.00	5.59	3.82	94	47	56	121	15.1	12.7	M	M 1.51	1.21	349	36	19	1.10	0.50	
5/16/86	14.6	5.3	0.00	3.81	5.21	96	52	56	124	14.5	11.4	M	M 3.30	3.12	304	19	31	0.88	0.39	
5/17/86	16.7	3.7	0.00	3.81	7.44	89	43	56	127	16.1	10.0	M	M 2.62	2.37	341	25	9	0.77	0.51	
5/18/86	17.0	0.8	0.00	3.81	7.77	95	33	56	131	17.3	10.0	M	M 1.82	1.44	21	37	17	0.68	0.59	
5/19/86	18.6	4.0	0.00	6.86	8.13	91	32	57	135	18.2	10.7	M	M 2.05	1.80	102	28	10	0.73	0.66	
5/20/86	18.4	0.6	0.00	6.60	8.31	93	23	57	139	18.0	10.7	M	M 1.76	1.60	98	24	7	0.57	0.79	
5/21/86	20.4	1.7	0.00	9.65	8.33	94	20	58	144	18.1	10.9	M	M 1.97	1.67	103	31	21	0.59	0.94	
5/22/86	22.1	2.5	0.00	5.84	8.15	85	24	60	150	18.3	11.2	M	M 3.24	3.01	97	22	0	0.76	0.89	
5/23/86	17.6	8.1	4.06	3.56	3.60	94	59	63	154	15.3	12.7	M	M 2.59	1.92	137	41	43	1.15	0.31	
5/24/86	22.0	6.2	11.18	7.87	6.41	100	44	67	160	17.7	11.8	M	M 1.60	0.74	126	59	36	1.15	0.40	
5/25/86	19.6	10.4	1.27	2.03	3.59	94	61	72	165	16.0	12.8	M	M 1.18	0.82	68	45	54	1.34	0.27	
5/26/86	25.7	9.8	0.00	6.10	7.84	95	43	80	173	19.2	12.7	M	M 1.39	1.17	78	32	39	1.43	0.77	
5/27/86	27.8	10.0	0.00	7.37	8.01	94	37	89	182	21.2	14.1	M	M 1.22	0.92	84	40	30	1.45	1.05	
5/28/86	28.7	11.7	0.00	6.86	7.94	93	37	99	192	22.0	15.2	M	M 1.15	0.78	143	46	35	1.51	1.05	
5/29/86	31.8	12.0	0.00	4.32	7.26	93	33	111	203	22.5	16.0	M	M 0.62	0.47	313	40	28	1.52	1.34	
5/30/86	31.7	15.5	0.00	14.48	7.82	87	32	125	216	22.7	16.9	M	M 2.79	2.68	293	16	2	1.56	1.59	
5/31/86	32.0	18.7	0.00	13.97	7.87	72	34	140	230	23.1	17.9	M	M 4.97	4.54	269	24	0	1.62	1.74	

MONTHLY	MEAN	MEAN	TOTAL	TOTAL	MEAN	MN.	MN.	TOTL	TOT	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MN.	MN.	MN	MEAN	MEAN
	20.4	6.9	87.13	187.96	5.78	89	45	132	172	16.3	11.3	M	M 3.21	2.79	179	31	22	1.07	0.66	

S T A P L E S

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86	22.2	9.4	0.00	6.86	6.50	83	47	146	236	21.8	17.9		M	M 2.64	1.91	55	43	0	1.27	0.66
6/ 2/86	22.9	7.3	0.00	8.38	8.05	83	43	151	243	21.6	16.1		M	M 3.98	3.77	164	19	0	1.02	0.81
6/ 3/86	33.0	12.9	5.84	6.35	6.82	93	37	164	254	22.1	16.8		M	M 4.54	3.44	205	40	20	1.58	1.09
6/ 4/86	22.0	10.7	0.00	5.59	4.91	93	44	170	261	20.3	17.4		M	M 1.70	1.51	27	27	22	1.31	0.63
6/ 5/86	22.4	6.9	0.00	10.67	7.79	91	43	175	267	21.7	15.0		M	M 1.85	1.50	119	35	10	1.15	0.70
6/ 6/86	21.7	8.5	14.48	4.57	5.20	90	67	180	273	19.7	15.9		M	M 3.18	2.97	139	21	7	1.48	0.46
6/ 7/86	22.9	11.2	0.00	7.37	6.98	94	51	187	280	20.3	17.3		M	M 4.01	3.31	314	34	34	1.51	0.57
6/ 8/86	23.5	9.1	0.00	7.37	7.78	93	38	193	286	21.0	15.2		M	M 1.03	0.66	34	48	25	1.12	0.81
6/ 9/86	26.4	11.8	15.49	9.40	7.56	84	48	202	295	22.2	16.3		M	M 2.33	2.17	155	22	0	1.44	0.97
6/10/86	18.5	13.7	46.23	2.03	0.69	95	62	208	302	19.6	16.6		M	M 2.19	1.67	22	39	70	1.53	0.28
6/11/86	16.0	12.8	0.25	3.05	2.48	93	85	213	306	17.3	16.2		M	M 2.51	2.22	8	28	10	1.48	0.19
6/12/86	24.1	12.0	0.00	5.33	7.47	91	39	221	314	19.9	15.9		M	M 3.01	2.53	293	32	0	1.42	0.68
6/13/86	24.2	8.6	1.52	11.43	8.02	91	27	227	321	21.1	15.2		M	M 2.51	2.01	264	36	14	1.14	0.95
6/14/86	24.5	11.4	0.00	6.35	8.04	92	36	235	329	22.4	16.6		M	M 0.63	0.13	168	72	24	1.31	0.73
6/15/86	25.9	13.6	5.84	3.30	2.81	93	72	245	339	19.4	17.2		M	M 2.64	1.61	216	51	20	1.89	0.41
6/16/86	19.4	8.9	0.00	7.87	8.59	92	40	249	344	20.9	15.9		M	M 4.21	3.95	337	20	10	1.02	0.69
6/17/86	23.9	7.1	5.33	5.84	6.83	94	47	255	350	21.7	15.6		M	M 1.57	1.18	146	40	30	1.27	0.64
6/18/86	29.4	14.9	0.51	5.33	5.50	92	66	267	363	21.9	17.5		M	M 3.54	2.33	165	47	40	2.24	0.55
6/19/86	32.8	19.3	0.00	6.60	7.83	91	59	283	377	25.4	18.9		M	M 1.88	1.51	129	36	13	2.48	0.99
6/20/86	28.4	17.1	0.00	7.62	5.27	90	75	296	390	23.6	20.0		M	M 3.86	3.32	141	31	4	2.17	0.49
6/21/86	31.0	16.0	26.92	9.65	4.83	93	66	309	403	25.7	19.9		M	M 1.84	1.20	215	48	64	2.15	0.42
6/22/86	22.8	13.3	0.00	9.65		M	M	317	411		M		M	M	M	M	M	M	M	M
6/23/86	21.1	12.2	0.00	7.37		M	M	324	418		M		M	M	M	M	M	M	M	M
6/24/86	20.0	5.6	0.00	6.10		M	M	327	423		M		M	M	M	M	M	M	M	M
6/25/86	31.7	22.8	0.00	7.11	3.80	84	56	344	439	22.6	20.3		M	M 4.11	3.89	202	18	0	2.56	1.30
6/26/86	30.0	19.1	0.00	4.57	6.76	89	65	358	454	23.5	20.3		M	M 4.01	3.19	214	37	4	2.52	0.82
6/27/86	26.6	15.6	0.00	8.64	7.66	93	32	370	465	23.8	20.3		M	M 2.68	2.28	332	31	27	1.66	0.92
6/28/86	27.4	14.1	0.00	6.60	5.99	88	43	380	476	23.3	20.1		M	M 2.00	1.59	320	37	9	1.63	0.88
6/29/86	22.8	11.3	1.52	4.06	5.15	90	42	387	483	21.7	19.1		M	M 1.84	1.13	34	50	47	1.29	0.60
6/30/86	22.1	12.3	0.00	5.33	6.06	90	67	395	490	21.8	18.5		M	M 2.64	2.10	143	36	8	1.52	0.42
MONTHLY	MEAN 24.7	MEAN 12.3	TOTAL 123.93	TOTAL 200.39	MEAN M	MN. M	MN. M	TOTL M	TOT M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M
7/ 1/86	25.6	14.8	0.00	4.57	5.40	90	59	405	500	22.3	19.2		M	M 2.15	1.06	267	58	8	1.70	0.46
7/ 2/86	26.2	12.5	0.00	4.83	7.38	91	42	414	509	22.9	18.8		M	M 2.43	2.19	332	25	38	1.48	0.87
7/ 3/86	28.4	11.3	16.00	5.08	8.09	92	46	424	519	23.3	18.8		M	M 4.26	3.94	171	22	29	1.75	0.98
7/ 4/86	32.6	16.2	2.79	6.86	6.93	91	55	438	532	25.1	19.2		M	M 2.77	1.20	130	61	36	2.30	0.76
7/ 5/86	29.5	14.3	0.00	6.86	3.90	88	62	450	544	23.3	20.8		M	M 5.15	2.68	221	56	5	2.37	0.65
7/ 6/86	26.3	13.1	0.00	7.87	8.23	89	39	460	554	24.6	18.7		M	M 3.86	3.59	261	21	34	1.46	0.93
7/ 7/86	29.4	14.0	5.08	7.87	7.76	89	38	472	566	26.3	19.5		M	M 1.68	1.07	253	49	15	1.70	1.14
7/ 8/86	21.6	13.4	1.52	1.78	2.95	91	78	479	573	23.4	20.0		M	M 2.29	1.71	48	41	54	1.77	0.30
7/ 9/86	28.5	10.5	0.00	6.35	7.61	93	46	489	583	25.2	18.1		M	M 1.09	0.46	165	62	44	1.67	0.78
7/10/86	24.6	15.8	4.06	3.05	3.75	89	69	499	593	22.4	20.1		M	M 2.49	2.27	127	24	36	1.88	0.44
7/11/86	18.4	14.3	14.99	2.03	1.89	91	81	505	599	20.6	19.1		M	M 2.09	1.57	63	40	56	1.63	0.23
7/12/86	23.7	13.6	6.35	3.81	3.48	90	64	514	608	20.4	18.3		M	M 2.58	1.63	170	49	38	1.63	0.28
7/13/86	23.0	14.0	1.02	3.56	5.04	90	66	522	616	21.3	18.3		M	M 3.01	2.74	301	24	53	1.69	0.38
7/14/86	26.4	12.4	2.29	5.59	6.22	93	65	532	626	22.8	17.8		M	M 2.09	1.81	125	30	42	1.88	0.49
7/15/86	26.9	16.8	16.26	3.56	4.85	91	70	544	637	23.3	19.5		M	M 2.15	1.65	119	39	59	2.10	0.43
7/16/86	29.1	17.8	0.00	6.60	3.99	89	79	557	651	23.2	20.6		M	M 3.10	2.93	102	19	42	2.39	0.44
7/17/86	31.6	20.8	0.00	3.30	6.47	88	68	573	666	25.3	21.3		M	M 2.78	2.20	176	37	44	2.73	0.77
7/18/86	30.4	19.7	25.15	9.40	5.89	88	62	588	681	26.1	22.1		M	M 2.10	1.05	48	57	50	2.51	0.72
7/19/86	27.0	17.4	0.00	9.40	7.48	89	52	600	693	24.6	21.8		M	M 3.72	3.28	316	28	32	1.88	0.80
7/20/86	24.4	14.0	0.00	5.08	6.84	89	48	610	703	24.9	20.4		M	M 2.98	2.66	326	27	24	1.58	0.64
7/21/86	25.6	11.7	0.76	6.10	6.24	89	59	618	711	24.0	19.6		M	M 2.71	2.32	229	31	32	1.70	0.55
7/22/86	30.0	13.9	0.00	6.10	7.70	88	52	630	723	26.1	19.7		M	M 2.04	1.45	199	44	28	2.00	0.85
7/23/86	30.1	20.3	3.81	12.95	6.16	85	66	645	738	25.6	21.6		M	M 5.41	5.19	179	16	2	2.51	0.80
7/24/86	29.2	18.3	0.25	0.51	5.99	88	57	659	752	26.5	22.2		M	M 2.48	1.59	280	49	27	2.28	0.75
7/25/86	27.5	13.6	0.00	7.11	7.76	89	40	670	763	26.8	20.8		M	M 1.66	1.07	24	48	40	1.55	0.90
7/26/86	25.4	15.4	21.34	7.87	5.58	88	68	680	773	25.2	21.3		M	M 2.89	2.67	125	22	38	1.89	0.50
7/27/86	28.8	16.9	0.00	3.56	5.44	89	59	693	786	24.9	20.9		M	M 1.80	0.59	357	66	50	1.99	0.58
7/28/86	27.1	16.2	11.94	5.08	4.05	91	72	705	797	24.3	21.3		M	M 1.62	1.04	139	48	54	2.02	0.42
7/29/86	29.0	14.7	1.52	6.10	6.83	91	62	716	809	24.7	20.6		M	M 2.55	2.28	160	26	36	2.14	0.69
7/30/86	27.4	15.1	0.00	7.87	6.96	88	45	728	821	24.8	21.3		M	M 3.35	2.17	299	48	21	1.88	0.76
7/31/86	22.9	13.1	0.25	6.86	7.40	87	54	736	829	24.3	19.8		M	M 3.54	3.34	295	20	41	1.48	0.59
MONTHLY	MEAN 27.0	MEAN 15.0	TOTAL 135.38	TOTAL 177.56	MEAN 5.94	MN. 89	MN. 59	TOTL 341	TOT 339	MEAN 24.1	MEAN 20.0	MEAN M	MEAN M	MEAN M	MEAN M	MN. M	MN. M	MN M	MEAN M	MEAN M

S T A P L E S

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	23.1	11.7	0.00	7.11	6.31	87	46	743	836	23.2	19.5		M	M 4.04	3.55	294	28 38	1.44	0.62	
8/ 2/86	22.6	9.9	0.00	6.35	6.69	88	45	749	842	23.1	18.6		M	M 3.62	3.34	318	22 30	1.23	0.63	
8/ 3/86	25.3	10.1	0.00	4.57	6.82	88	46	757	850	23.7	18.3		M	M 2.27	2.04	275	26 37	1.42	0.73	
8/ 4/86	27.1	13.8	0.51	5.84	6.12	87	60	767	860	23.6	19.1		M	M 2.66	1.64	234	50 29	1.76	0.69	
8/ 5/86	29.9	13.8	0.00	5.33	6.73	88	40	779	872	25.1	19.6		M	M 2.13	1.42	219	47 29	1.73	0.89	
8/ 6/86	29.7	15.3	19.05	6.60	3.89	87	56	792	885	23.2	20.2		M	M 2.13	1.07	144	57 60	1.78	0.44	
8/ 7/86	24.3	14.6	0.00	4.06	4.37	88	66	801	894	21.6	19.2		M	M 2.60	2.06	283	37 51	1.70	0.45	
8/ 8/86	27.1	13.4	0.00	6.86	6.89	86	44	811	904	22.8	18.4		M	M 1.62	1.44	297	27 49	1.64	0.82	
8/ 9/86	28.4	13.3	0.00	4.06	4.20	87	59	822	915	22.9	18.8		M	M 1.72	0.84	293	58 67	1.64	0.51	
8/10/86	18.5	8.0	0.00	4.32	5.58	87	49	826	920	21.7	17.9		M	M 3.57	3.38	326	19 27	1.11	0.45	
8/11/86	23.0	6.9	0.00	4.32	6.50	88	40	831	926	21.9	16.5		M	M 1.66	1.38	284	33 51	1.11	0.67	
8/12/86	24.9	8.3	0.00	3.81	4.38	87	61	837	933	20.8	17.0		M	M 3.42	3.15	161	23 35	1.54	0.52	
8/13/86	23.2	16.2	8.13	2.29	2.33	87	77	847	943	20.3	18.6		M	M 3.54	3.34	146	19 24	1.78	0.36	
8/14/86	22.8	14.3	3.05	2.79	3.50	87	74	855	952	20.3	18.2		M	M 1.91	0.98	282	57 61	1.73	0.38	
8/15/86	29.5	12.6	0.00	7.11	6.81	92	54	867	963	22.7	17.5		M	M 2.68	2.45	191	24 32	1.92	0.83	
8/16/86	27.5	16.8	0.00	6.10	6.12	86	20	879	975	23.5	19.4		M	M 2.24		M	M 25	1.58	1.10	
8/17/86	23.9	12.0	0.00	6.10	6.61	86	40	887	983	23.0	18.7		M	M 2.18		M	M 4	1.32	0.77	
8/18/86	24.7	10.8	0.00	4.32	5.37	86	49	894	991	22.4	18.6		M	M 1.62		M	M 46	1.44	0.62	
8/19/86	28.3	12.7	13.21	4.32	6.01	86	65	905	1001	22.6	18.7		M	M 4.07		M	M 32	1.92	0.64	
8/20/86	22.9	9.9	0.00	8.38	4.59	85	40	911	1008	21.3	18.5		M	M 3.66		M	M 29	1.50	0.69	
8/21/86	21.1	5.7	18.03	5.59	6.08	87	44	915	1013	21.0	16.0		M	M 2.04		M	M 29	1.10	0.56	
8/22/86	17.9	10.5	7.37	2.03	1.15	87	79	919	1017	18.7	16.8		M	M 3.80		M	M 37	1.36	0.27	
8/23/86	24.0	7.1	0.00	2.29	5.87	87	48	924	1024	19.8	15.3		M	M 1.65		M	M 54	1.27	0.55	
8/24/86	17.9	10.8	1.78	2.29	1.88	86	78	929	1029	17.7	16.3		M	M 3.42		M	M 56	1.38	0.28	
8/25/86	27.4	14.9	1.78	5.84	5.25	91	41	940	1040	21.0	16.8		M	M 2.07		M	M 45	1.59	0.82	
8/26/86	17.5	5.8	0.00	4.06	4.69	85	55	941	1044	19.2	16.5		M	M 3.30		M	M 32	1.13	0.42	
8/27/86	16.2	2.8	0.00	3.81	4.77	86	43	941	1047	17.7	14.3		M	M 2.01		M	M 39	0.81	0.46	
8/28/86	20.3	1.6	0.00	3.30	6.15	87	42	942	1052	19.1	13.6		M	M 1.52		M	M 49	0.90	0.53	
8/29/86	21.4	6.0	0.00	3.56	5.50	86	56	946	1057	18.7	14.3		M	M 3.66		M	M 31	1.16	0.55	
8/30/86	23.0	11.1	0.00	3.56	4.90	85	67	953	1065	19.6	15.5		M	M 3.16		M	M 14	1.57	0.48	
8/31/86	25.6	16.5	4.83	3.56	3.48	85	70	964	1076	19.5	16.9		M	M 3.17		M	M 20	1.91	0.53	
MONTHLY	MEAN 23.8	MEAN 10.9	TOTAL 77.74	TOTAL 144.53	MEAN 5.15	MN. 87	MN. 53	TOTL 228	TOT 247	MEAN 21.4	MEAN 17.5		MEAN M	MEAN M 2.68	MEAN M	MN. M	MN. M	MN 38	MEAN 1.47	MEAN 0.59
9/ 1/86	26.9	16.0	0.00	3.56	3.72	86	62	976	1087	20.8	17.6		M	M 1.39		M	M 35	1.86	0.59	
9/ 2/86	24.1	14.7	12.19	5.59	2.70	90	62	985	1096	19.8	17.8		M	M 3.77		M	M 67	1.66	0.42	
9/ 3/86	23.8	13.1	4.06	0.76	3.70	85	61	993	1105	20.0	17.6		M	M 3.05		M	M 59	1.61	0.47	
9/ 4/86	19.4	8.9	0.00	6.60	5.21	84	53	998	1110	18.3	16.0		M	M 4.89		M	M 9	1.16	0.49	
9/ 5/86	14.6	6.5	0.00	6.60	5.01	85	56	998	1112	17.6	14.3		M	M 3.99		M	M 22	0.92	0.35	
9/ 6/86	14.4	4.3	0.00	3.56	3.75	86	52	998	1114	15.6	13.6		M	M 3.58		M	M 18	0.84	0.34	
9/ 7/86	18.9	1.8	0.00	4.32	5.96	86	35	999	1119	17.2	11.9		M	M 3.44		M	M 34	0.79	0.58	
9/ 8/86	21.0	5.1	0.00	2.79	5.95	83	30	1002	1124	17.9	12.5		M	M 2.89		M	M 18	0.86	0.70	
9/ 9/86	14.5	6.0	6.86	2.03	0.78	88	76	1002	1126	15.0	13.4		M	M 2.64		M	M 82	1.08	0.22	
9/10/86	11.8	10.5	5.08		0.56	91	82	1003	1127	14.2	13.7		M	M 2.39		M	M 90	1.13	0.19	
9/11/86	17.0	7.6	0.25	1.27	1.96	85	64	1005	1131	14.9	13.1		M	M 1.97		M	M 65	1.07	0.29	
9/12/86	17.1	6.2	5.33	1.02	2.36	85	66	1007	1134	14.3	11.8		M	M 3.40		M	M 51	1.07	0.30	
9/13/86	14.2	1.2	0.51	3.30	4.37	85	50	1007	1137	15.1	10.8		M	M 1.83		M	M 14	0.75	0.33	
9/14/86	10.7	6.5	16.26	3.05	0.99	84	73	1007	1137	13.1	11.5		M	M 2.68		M	M 39	0.86	0.20	
9/15/86	15.1	5.2	0.00	3.56	5.38	84	47	1007	1139	14.9	10.8		M	M 2.93		M	M 42	0.81	0.39	
9/16/86	13.1	3.5	16.51	2.29	2.31	85	58	1007	1141	12.2	10.5		M	M 4.50		M	M 48	0.87	0.26	
9/17/86	14.8	9.7	0.00	0.51	1.03	84	80	1009	1143	13.0	11.3		M	M 3.36		M	M 62	1.16	0.25	
9/18/86	15.2	7.9	3.56	0.51	1.96	84	71	1011	1146	13.6	11.8		M	M 2.15		M	M 6	1.08	0.29	
9/19/86	12.1	9.0	19.81	2.03	0.48	84	82	1011	1147	12.6	12.0		M	M 3.51		M	M 80	1.07	0.22	
9/20/86	13.2	8.1	12.45	3.56	1.14	87	81	1012	1149	12.9	11.8		M	M 3.29		M	M 42	1.07	0.22	
9/21/86	20.3	11.6	28.96	6.35	0.91	87	77	1018	1155	15.2	12.6		M	M 3.13		M	M 75	1.44	0.31	
9/22/86	19.0	9.7	0.25	4.32	3.72	85	57	1022	1159	15.8	13.6		M	M 2.93		M	M 58	1.24	0.42	
9/23/86	22.5	9.0	0.00	3.81	4.92	82	41	1028	1165	15.8	12.4		M	M 3.40		M	M 52	1.10	0.63	
9/24/86	22.6	8.7	6.60	5.33	3.55	85	60	1034	1172	15.7	12.3		M	M 4.04		M	M 50	1.39	0.55	
9/25/86	25.5	11.5	0.00	7.37	4.87	83	35	1042	1180	17.0	14.5		M	M 5.06		M	M 32	1.32	0.99	
9/26/86	25.9	10.3	0.00	2.29	2.93	91	63	1050	1188	16.7	13.3		M	M 3.45		M	M 27	1.48	0.45	
9/27/86	22.5	8.5	0.00	4.32	4.67	93	48	1056	1195	17.7	14.4		M	M 2.79		M	M 59	1.28	0.50	
9/28/86	14.1	6.3	1.27	0.25	0.79	91	76	1056	1197	14.9	13.3		M	M 2.60		M	M 59	1.04	0.25	
9/29/86	15.8	6.7	0.00	0.76	1.95	83	72	1057	1199	14.5	12.6		M	M 2.66		M	M 32	1.09	0.29	
9/30/86	19.6	2.8	0.00	6.10	4.66	84	39	1059	1204	15.6	11.1		M	M 1.88		M	M 58	0.87	0.52	
MONTHLY	MEAN 18.0	MEAN 7.9	TOTAL 139.95	TOTAL M	MEAN 3.08	MN. 86	MN. 60	TOTL 94	TOT 129	MEAN 15.7	MEAN 13.1		MEAN M	MEAN M 3.12	MEAN M	MN. M	MN. M	MN 46	MEAN 1.13	MEAN 0.40

S T A P L E S

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF	
10/ 1/86	20.9	2.5	1.27	2.03	3.19	84	38	1060	1210	14.7	11.2	M	M	1.06	M	M	M	51	0.94	0.49	
10/ 2/86	16.6	10.3	1.02	2.54	1.63	83	74	1064	1213	13.9	12.5	M	M	2.89	M	M	M	37	1.16	0.30	
10/ 3/86	10.9	3.4	0.00	2.03	1.88	84	64	1064	1214	13.0	11.5	M	M	3.32	M	M	M	1	0.82	0.27	
10/ 4/86	14.4	0.2	0.00	3.05	3.40	84	58	1064	1216	13.2	10.0	M	M	2.87	M	M	M	38	0.81	0.33	
10/ 5/86	10.4	-1.0	0.00	3.30	3.77	84	49	1064	1216	12.7	10.1	M	M	4.58	M	M	M	11	0.63	0.35	
10/ 6/86	17.6	-0.8	0.00	M	2.48	84	58	1064	1220	12.1	9.1	M	M	3.23	M	M	M	15	0.82	0.33	
10/ 7/86	22.5	5.7	1.02	5.59	3.03	84	53	1068	1226	13.0	9.7	M	M	3.69	M	M	M	41	1.11	0.41	
10/ 8/86	10.5	-0.3	0.00	M	2.80	82	57	1068	1226	11.9	9.9	M	M	2.98	M	M	M	0	0.67	0.29	
10/ 9/86	9.6	-5.3	0.00	5.33	4.21	85	41	1068	1226	11.8	7.6	M	M	1.95	M	M	M	4	0.46	0.31	
10/10/86	8.4	2.1	0.51	M	0.36	84	66	1068	1226	9.3	8.6	M	M	5.30	M	M	M	39	0.76	0.21	
10/11/86	6.5	2.3	1.78	0.51	1.17	84	65	1068	1226	9.2	8.0	M	M	4.15	M	M	M	15	0.61	0.20	
10/12/86	4.1	-0.6	0.00	1.02	1.60	85	74	1068	1226	8.1	7.0	M	M	4.23	M	M	M	43	0.55	0.13	
10/13/86	6.6	-4.6	0.00	M	3.77	85	49	1068	1226	9.0	5.8	M	M	2.71	M	M	M	1	0.44	0.21	
10/14/86	13.1	-0.2	0.00	6.10	3.60	83	29	1068	1228	9.6	6.1	M	M	3.44	M	M	M	0	0.49	0.44	
10/15/86	8.0	-0.8	0.00	M	2.24	84	66	1068	1228	8.8	6.6	M	M	3.17	M	M	M	10	0.63	0.20	
10/16/86	17.0	2.6	0.00	5.08	3.74	84	48	1068	1231	11.0	6.6	M	M	2.11	M	M	M	27	0.78	0.38	
10/17/86	13.0	-0.2	0.00	1.78	3.59	84	65	1068	1233	10.3	6.7	M	M	3.03	M	M	M	41	0.72	0.24	
10/18/86	16.2	1.9	0.00	4.32	3.41	83	62	1068	1236	10.3	6.9	M	M	3.91	M	M	M	44	0.82	0.31	
10/19/86	19.8	2.7	0.00	1.52	3.20	83	60	1069	1241	10.9	7.2	M	M	2.46	M	M	M	59	0.98	0.37	
10/20/86	21.9	2.7	0.00	M	3.42	92	36	1071	1247	11.8	7.8	M	M	1.05	M	M	M	55	0.87	0.51	
10/21/86	23.2	0.0	0.00	4.32	3.25	83	51	1073	1253	11.7	7.3	M	M	1.57	M	M	M	52	0.99	0.52	
10/22/86	18.6	9.0	0.00	1.52	2.19	82	63	1077	1258	11.4	9.0	M	M	2.33	M	M	M	33	1.13	0.41	
10/23/86	11.5	8.0	0.00	0.76	0.68	82	79	1077	1258	10.4	9.8	M	M	1.95	M	M	M	11	0.98	0.24	
10/24/86	8.6	6.2	0.00	2.03	1.02	83	76	1077	1258	10.2	9.3	M	M	2.73	M	M	M	13	0.81	0.21	
10/25/86	10.5	6.1	0.00	0.25	0.76	89	77	1077	1259	10.1	9.1	M	M	1.34	M	M	M	42	0.86	0.20	
10/26/86	14.6	2.7	0.00	1.27	2.59	83	60	1077	1261	11.3	8.9	M	M	1.97	M	M	M	62	0.82	0.27	
10/27/86	19.2	-0.6	0.00	0.25	2.98	90	40	1077	1266	11.1	7.4	M	M	1.10	M	M	M	46	0.75	0.43	
10/28/86	13.7	0.9	0.00	0.76	1.70	81	60	1077	1267	10.0	8.5	M	M	4.28	M	M	M	15	0.83	0.32	
10/29/86	6.6	-3.7	0.00	4.06	1.64	83	63	1077	1267	8.5	6.6	M	M	2.00	M	M	M	16	0.56	0.17	
10/30/86	12.0	0.1	0.00	1.27	1.59	83	63	1077	1268	8.2	6.7	M	M	6.02	M	M	M	11	0.69	0.31	
10/31/86	12.1	-5.3	1.02	M	1.29	80	64	1077	1270	8.4	6.2	M	M	5.86	M	M	M	15	0.64	0.25	
MONTHLY	MEAN 13.5	MEAN 1.5	TOTAL 6.62	TOTAL M	MEAN 2.46	MN. 84	MN. 58	TOTL 18	TOT 65	MEAN 10.8	MEAN 8.3	MEAN M	MEAN M	MEAN 3.01	MEAN M	MN. M	MN. M	MN M	MEAN 27	MEAN 0.78	MEAN 0.31

W A S E C A

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
4/ 1/86	14.1	1.6	0.00		M 6.23	80	43	0	2	12.8	2.8	9.9	7.4	4.18	3.55	320	32	M 0.68	0.46	
4/ 2/86	16.2	2.5	11.43		M 5.21	78	34	0	5	12.2	3.2	8.4	6.1	5.91	5.74	122	13	M 0.64	0.57	
4/ 3/86	7.0	3.8	1.78		M 0.87	82	77	0	5		M	M 8.3	6.4	5.42	4.94	78	24	M 0.70	0.18	
4/ 4/86	9.9	3.6	11.68		M 0.91	80	78	0	5		M	M 6.5	5.7	6.28	5.79	91	23	M 0.79	0.21	
4/ 5/86	11.1	5.2	0.76		M 0.92	84	77	0	6		M	M 7.0	6.5	5.97	3.53	208	52	M 0.83	0.22	
4/ 6/86	13.6	5.1	0.00		M 2.33	79	71	0	7		M	M 7.5	6.2	4.28	3.28	257	39	M 0.84	0.26	
4/ 7/86	16.4	5.6	0.00		M 6.51	80	33	1	11	12.5	6.2	8.9	6.3	6.23	4.93	309	37	M 0.72	0.63	
4/ 8/86	12.1	1.3	0.00		M 5.67	75	34	1	12	11.3	5.7	8.4	6.3	6.38	5.97	334	20	M 0.53	0.46	
4/ 9/86	13.9	-1.4	0.00		M 6.72	81	22	1	14	17.6	4.3		M 5.4	4.06	3.82	333	20	M 0.44	0.56	
4/10/86	17.5	-1.9	0.00		M 6.69	81	20	1	17	12.8	5.1	8.9	6.0	2.36	1.97	323	33	M 0.48	0.72	
4/11/86	21.5	0.2	0.00		M 6.67	79	17	2	23	16.0	6.9	11.0	7.1	1.95	0.70	184	65	M 0.54	1.05	
4/12/86	12.5	0.9	0.00		M 1.41	82	44	2	24	13.0	7.3	10.9	7.9	2.38	1.86	306	38	M 0.60	0.23	
4/13/86	13.5	0.8	16.51		M 3.33	80	56	2	26	10.5	6.3	8.4	6.8	2.15	1.86	110	30	M 0.73	0.36	
4/14/86	9.7	-1.0	1.78	1.78	0.94	83	66	2	26	9.5	1.3	8.3	5.6	6.44	3.65	147	53	M 0.57	0.16	
4/15/86	10.3	-4.4	0.00	3.81	1.53	83	49	2	26	4.1		M 5.6	4.8	6.17	5.42	352	28	M 0.61	0.27	
4/16/86	14.0	0.3	0.00	3.56	7.05	87	41	2	28	11.8		M 8.1	4.6	2.89	1.95	27	46	M 0.61	0.43	
4/17/86	13.7	3.8	0.51	5.33	3.93	79	56	2	30	10.3	6.4	8.0	6.6	5.81	5.68	134	12	M 0.31	0.13	
4/18/86	12.1	8.1	6.60	2.54	0.68	80	64	2	31	9.1	8.1	8.0	7.4	8.72	7.89	147	25	M 0.91	0.30	
4/19/86	17.3	6.0	2.54	6.10	5.52	82	28	4	35	11.2	7.2	8.7	7.0	8.27	7.24	257	28	M 0.76	0.48	
4/20/86	12.3	2.9	0.00	4.32	5.44	81	44	4	36	10.4	4.7	8.7	7.1	6.07	5.35	319	28	M 0.67	0.35	
4/21/86	7.8	-1.6	0.00	3.30	1.03	71	36	4	36	9.4	5.7	7.6	6.7	3.00	2.66	6	27	M 0.35	0.46	
4/22/86	14.1	-3.7	0.00	6.60	7.22	83	32	4	38	12.1	2.9	8.5	5.3	4.78	4.50	190	20	M 0.46	0.53	
4/23/86	24.3	5.1	0.00	11.94	7.05	59	35	8	45	15.5	6.4	10.7	7.1	9.29	9.16	183	10	M 0.80	1.02	
4/24/86	18.8	10.1	0.00	5.08	5.66	91	57	13	50	17.8	11.2	12.8	10.1	5.23	0.22	287	79	M 1.15	0.48	
4/25/86	27.3	8.6	0.51	6.10	3.99	95	44	21	58	17.6	11.2	13.3	10.9	6.66	3.05	137	60	M 1.45	0.61	
4/26/86	25.3	8.5	19.56	9.91	4.40	96	63	27	66	19.1	11.9	14.4	11.5	3.63	1.65	136	60	M 1.51	0.43	
4/27/86	21.9	15.1	22.35	9.91	2.23	97	86	36	74	17.4	14.8	14.4	13.4	5.19	4.76	167	23	M 1.89	0.14	
4/28/86	16.3	4.9	0.51	2.29	1.75	99	88	37	77	15.9	8.7	14.4	10.9	5.67	4.35	296	39	M 1.06	0.03	
4/29/86	20.6	4.7	2.03	4.32	4.37	98	59	39	83	15.1	7.6	12.1	9.4	3.86	2.08	155	55	M 1.30	0.34	
4/30/86	17.6	8.3	0.00	6.10	5.09	97	61	42	86	15.3	11.3	12.6	11.6	5.87	3.55	291	51	M 1.33	0.27	

MONTHLY	MEAN 15.4	MEAN 3.4	TOTAL 98.55	TOTAL M	MEAN 4.05	MN. 83	MN. 50	TOTL 42	TOT 86	MEAN M	MEAN M	MEAN M	MEAN 7.5	MEAN 5.17	MEAN 4.04	MN. 207	MN. 36	MN M	MEAN 0.81	MEAN 0.41
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5/ 1/86	9.9	2.3	0.00	4.32	4.40	83	67	42	86	11.5	8.0	12.2	9.9	8.02	7.72	321	16	0	0.72	0.23
5/ 2/86	13.3	1.6	0.00	4.32	7.58	79	48	42	88	16.9	6.2	12.2	8.3	3.49	2.99	353	31	0	0.66	0.36
5/ 3/86	20.5	3.6	0.00	8.89	7.08	79	40	44	93	18.5	8.6	13.4	9.9	4.62	4.30	171	21	0	0.82	0.72
5/ 4/86	29.1	13.8	0.00	15.24	7.33	68	42	56	105	21.6	13.0	15.9	12.3	9.85	9.63	202	12	0	1.34	1.24
5/ 5/86	29.3	13.3	0.00	13.72	7.33	66	18	67	116	23.3	16.1	17.5	14.7	8.53	7.12	218	33	0	1.15	1.42
5/ 6/86	21.4	7.1	0.00	10.67	7.87	71	37	71	122	21.1	14.1	17.1	14.6	7.08	6.09	288	30	0	0.82	0.86
5/ 7/86	18.2	4.4	0.51	5.84	6.16	90	56	72	126	20.3	12.0	16.2	13.5	3.88	3.33	56	30	16	0.99	0.46
5/ 8/86	22.1	10.5	14.48		M 4.89	92	58	79	132	17.9	14.1	15.9	14.2	7.11	6.60	111	22	6	1.36	0.49
5/ 9/86	19.6	11.1	9.14	5.33	3.46	96	78	84	138	16.6	13.3	15.0	13.7	7.78	7.55	140	14	9	1.62	0.21
5/10/86	20.8	12.6	35.05		M 0.96	99	63	91	144	15.1	13.9	14.4	13.8	4.35	3.21	139	41	56	1.55	0.10
5/11/86	19.6	12.4	1.52	1.52	2.77	99	84	97	150	18.0	13.3	14.9	13.2	1.96	1.13	42	53	45	1.60	0.12
5/12/86	24.9	12.4	2.79	4.32	5.16	99	65	105	159	20.2	14.3	16.2	13.8	3.76	3.14	150	33	3	1.88	0.30
5/13/86	16.7	8.5	13.46	2.03	1.07	99	88	108	162	17.5	12.8	16.1	13.8	2.89	2.08	359	43	21	1.44	0.08
5/14/86	23.6	7.1	0.00	6.60	7.69	99	55	113	169	20.0	10.5	15.9	12.2	2.94	2.48	186	32	3	1.39	0.53
5/15/86	19.2	12.3	0.00	1.52	2.22	98	82	119	175	16.7	14.3	15.7	14.3	2.32	0.48	32	72	10	1.61	0.22
5/16/86	19.3	9.9	0.51	3.30	2.61	99	50	124	179	16.3	12.6	14.8	13.4	3.15	2.48	348	37	4	1.26	0.31
5/17/86	15.9	8.4	0.00	5.84	5.85	83	52	126	182	16.5	11.3	14.1	12.4	5.21	4.79	6	23	1	0.96	0.50
5/18/86	17.3	6.0	0.00	6.86	8.27	85	44	128	186	20.6	10.2	15.5	12.1	4.13	3.84	19	22	0	0.86	0.55
5/19/86	18.1	6.0	0.00	6.86	7.99	81	44	130	190	22.4	11.6	16.7	13.1	3.59	3.35	56	21	0	0.83	0.62
5/20/86	18.4	4.9	0.00	6.10	8.26	74	28	131	194	24.0	12.3	17.7	13.8	2.83	2.50	59	28	0	0.75	0.72
5/21/86	20.9	5.0	0.00	7.11	8.40	83	18	134	200	25.2	13.0	18.7	14.6	2.32	1.96	52	32	4	0.63	1.02
5/22/86	21.9	7.2	0.00	8.64	8.14	76	27	139	206	25.3	14.1	19.2	15.4	3.99	3.43	104	30	0	0.83	0.97
5/23/86	18.9	9.4	0.00	4.57	4.17	89	52	143	210	20.3	15.5	18.7	16.2	3.82	2.32	141	51	1	1.10	0.53
5/24/86	23.1	7.3	1.27	4.32	5.50	94	36	148	217	23.2	13.9	18.1	15.3	2.71	1.03	101	64	11	1.16	0.59
5/25/86	18.3	10.9	18.29	4.32	3.08	97	71	153	221	18.0	14.8	17.6	15.4	3.39	2.96	101	29	4	1.40	0.17
5/26/86	21.6	12.7	0.00	2.79	4.03	97	71	160	228	19.2	14.4	16.4	14.8	3.34	3.15	61	19	5	1.67	0.26
5/27/86	24.6	14.6	0.00	6.60	5.92	94	53	169	238	21.7	15.6	17.9	15.4	3.43	2.47	89	43	3	1.67	0.60
5/28/86	25.7	15.9	0.00	5.08	5.84	91	55	180	249	25.9	16.7	19.9	16.5	2.68	2.13	111	37	1	1.76	0.64
5/29/86	27.9	14.6	0.00	5.59	5.38	95	48	191	260	26.1	18.3	20.9	18.1	2.47	0.86	220	65	12	1.88	0.60
5/30/86	29.6	14.1	0.00	5.08	5.47	96	42	203	272	26.6	18.6	21.2	18.4	2.89	2.58	241	26	4	1.83	0.77
5/31/86	32.2	14.7	0.00	10.92	7.60	93	35	217	284	29.9	19.2	23.2	19.2	3.58	3.11	257	30	3	1.67	1.55

MONTHLY	MEAN 21.3	MEAN 9.5	TOTAL 97.02	TOTAL M	MEAN 5.56	MN. 88	MN. 52	TOTL 175	TOT 198	MEAN 20.5	MEAN 13.4	MEAN 16.7	MEAN 14.1	MEAN 4.26	MEAN 3.57	MN. 153	MN. 34	MN 7	MEAN 1.26	MEAN 0.57
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W A S E C A

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
6/ 1/86	22.3	10.8	0.00	10.16	7.64	86	49	223	291	27.1	20.9	22.8	20.7	5.18	3.98	36	39	0	1.37	0.75
6/ 2/86	22.9	7.3	0.00	8.89	8.57	79	29	228	297	26.6	16.5	21.7	18.6	4.43	3.69	141	33	0	0.91	0.89
6/ 3/86	30.1	11.7	0.00	11.18	8.01	67	36	239	308	27.2	17.1	22.0	18.5	5.95	5.47	198	23	0	1.26	1.48
6/ 4/86	22.0	14.9	23.11	5.08	3.09	94	64	248	316	23.2	18.2	21.8	19.4	4.75	1.69	51	65	9	1.81	0.43
6/ 5/86	21.0	13.2	0.00	5.33	5.19	90	63	255	324	21.6	16.2	19.4	17.5	4.51	3.78	94	33	0	1.49	0.41
6/ 6/86	25.2	15.1	0.00	3.81	4.73	94	71	265	334	24.2	17.2	20.1	17.6	3.64	3.46	142	18	3	1.88	0.32
6/ 7/86	24.5	16.1	0.00	6.60	5.19	94	52	275	344	23.6	19.2	20.4	18.9	5.50	3.34	300	51	6	1.84	0.54
6/ 8/86	26.1	11.6	0.00	6.10	8.20	91	19	284	353	28.0	16.9	22.1	18.1	3.23	2.73	38	32	4	1.06	1.26
6/ 9/86	28.5	13.6	0.00	10.92	7.71	78	31	295	364	27.6	18.5	22.4	19.3	5.11	4.86	132	18	0	1.31	1.40
6/10/86	31.6	17.4	1.78	7.37	5.27	94	47	310	378	27.4	21.6	22.9	20.8	5.34	2.45	195	60	1	2.17	0.82
6/11/86	17.5	11.3	2.29	2.29	1.15	95	91	314	382	23.6	15.6	22.7	17.9	5.64	5.12	9	25	5	1.48	0.11
6/12/86	27.4	11.5	0.00	8.13	7.73	93	52	323	391	26.2	14.8	21.1	16.5	4.33	3.55	334	35	0	1.56	0.69
6/13/86	22.2	11.1	1.52	5.33	4.23	89	40	330	398	22.7	18.0	20.9	18.7	1.96	0.56	279	68	7	1.19	0.82
6/14/86	26.3	12.9	0.00	5.33	6.16	90	49	340	408	27.0	17.3	21.8	18.0	2.27	0.98	111	61	0	1.53	0.80
6/15/86	30.0	15.1	5.59	11.68	7.83	94	40	352	420	27.7	19.5	22.8	19.7	5.98	5.65	196	19	11	1.87	0.92
6/16/86	23.3	13.1	0.00	8.64	8.51	92	32	360	428	26.3	19.1	22.4	19.9	4.80	4.27	343	27	0	1.33	0.85
6/17/86	27.3	11.8	33.02	9.14	7.45	93	32	370	438	28.9	17.5	23.2	19.2	2.99	1.33	140	60	8	1.31	1.01
6/18/86	29.0	17.0	0.76	7.11	7.16	94	76	383	451	25.6	19.3	22.4	20.0	4.81	3.82	215	37	3	2.45	0.45
6/19/86	33.0	21.5	0.00	9.65	7.92	91	45	400	467	30.3	21.3	24.8	21.0	4.26	3.89	230	24	0	2.58	1.09
6/20/86	32.9	21.0	67.06	M	6.67	92	37	417	482	31.3	23.4	25.7	22.8	3.98	3.08	188	39	0	2.35	1.07
6/21/86	29.3	18.9	55.37	M	6.24	93	79	431	496	26.8	22.4	24.9	22.7	5.30	3.72	189	44	8	2.61	0.42
6/22/86	23.7	16.4	0.00	8.38	6.73	93	61	441	506	24.2	20.9	23.5	21.3	3.90	1.72	294	60	28	1.87	0.45
6/23/86	24.8	15.3	0.00	7.37	6.48	91	52	451	516	22.4	18.4	21.8	19.8	4.68	3.15	286	46	3	1.75	0.64
6/24/86	22.1	11.1	0.00	5.33	8.34	94	56	458	523	25.2	16.3	21.6	18.4	2.11	1.07	50	57	3	1.41	0.53
6/25/86	29.8	13.7	0.00	8.89	7.40	92	52	470	535	27.3	17.3	22.6	19.0	5.24	4.92	188	20	0	1.99	0.88
6/26/86	31.6	22.7	7.11	10.92	5.58	88	61	487	551	28.8	22.3	24.2	21.6	5.24	4.97	215	19	3	2.65	0.93
6/27/86	30.1	19.4	0.00	5.08	7.99	91	56	502	566	30.9	22.5	25.5	22.2	2.87	1.55	341	55	4	2.51	0.76
6/28/86	26.2	17.6	3.81	5.59	5.79	92	63	514	578	27.1	21.9	25.1	22.3	1.33	0.58	228	61	7	2.02	0.54
6/29/86	24.4	15.8	3.56	3.81	3.38	92	56	524	588	25.0	20.1	23.6	21.5	3.37	3.04	70	25	8	1.79	0.49
6/30/86	15.9	12.1	3.56	0.76	1.50	93	80	528	592	20.1	17.2	21.6	18.5	4.26	3.94	100	22	9	1.49	0.16
MONTHLY	MEAN 26.0	MEAN 14.7	TOTAL 208.54	TOTAL M	MEAN 6.26	MN. 90	MN. 52	TOTL 311	TOT 308	MEAN 26.1	MEAN 18.9	MEAN 22.6	MEAN 19.7	MEAN 4.23	MEAN 3.21	MN. 178	MN. 39	MN 4	MEAN 1.76	MEAN 0.73
7/ 1/86	22.9	16.9	1.02	1.52	2.70	91	75	537	602	21.3	17.9	19.3	17.8	1.97	0.79	339	63	16	1.94	0.34
7/ 2/86	25.9	15.5	0.25	6.10	8.15	92	51	548	612	27.8	17.6	22.6	18.3	2.52	1.86	352	42	48	1.81	0.63
7/ 3/86	27.6	14.2	0.00	8.89	8.27	91	55	559	623	29.2	19.5	23.8	20.2	4.37	4.19	184	17	24	1.98	0.79
7/ 4/86	31.5	23.5	0.00	7.87	5.74	86	73	576	640	30.0	23.4	25.2	22.4	5.68	5.33	215	20	0	2.93	0.77
7/ 5/86	31.2	19.8	19.56	11.43	5.25	91	73	592	655	30.3	24.8	25.8	23.8	5.63	4.75	208	32	28	2.78	0.63
7/ 6/86	25.8	16.2	0.00	4.32	6.17	90	49	603	666	27.1	21.7	24.9	22.6	1.47	0.71	297	58	28	1.85	0.71
7/ 7/86	28.0	16.4	0.00	7.87	8.29	91	45	615	678	31.1	20.8	25.7	21.7	1.85	1.39	136	40	33	2.04	0.80
7/ 8/86	26.8	19.3	15.75	4.83	3.80	90	80	628	691	27.4	23.4	25.2	23.4	2.27	0.95	153	62	41	2.32	0.33
7/ 9/86	26.2	16.4	1.78	6.10	8.15	91	63	640	703	27.7	20.8	24.2	21.9	2.96	2.59	70	29	10	2.05	0.57
7/10/86	21.9	17.5	0.76	2.29	3.33	91	85	649	712	23.5	20.8	23.8	21.6	3.78	3.57	117	19	46	1.95	0.25
7/11/86	25.6	16.9	3.30	4.06	5.05	90	73	661	723	24.3	19.9	22.3	20.5	2.81	1.39	251	58	57	2.06	0.39
7/12/86	23.8	14.6	17.78	6.35	4.77	91	68	670	733	23.2	19.5	22.0	20.2	2.54	0.98	293	64	55	1.85	0.37
7/13/86	25.0	13.3	0.00	6.10	7.87	91	69	679	742	25.0	17.5	21.9	19.2	3.37	2.72	294	36	43	1.86	0.43
7/14/86	27.5	15.2	0.00	2.54	5.31	90	79	690	753	26.6	18.9	22.8	19.9	2.52	2.18	144	30	44	2.25	0.40
7/15/86	27.1	20.0	18.03	5.59	3.18	89	83	704	767	24.2	22.2	22.7	21.7	2.76	2.19	137	37	67	2.43	0.39
7/16/86	31.4	21.2	0.00	8.13	7.29	87	75	720	782	28.5	21.4	24.4	21.3	3.24	3.00	192	22	23	2.83	0.66
7/17/86	31.5	24.2	0.00	9.14	7.97	86	71	738	799	31.9	23.5	26.5	23.0	4.69	4.48	207	17	0	2.94	0.79
7/18/86	32.7	22.5	7.11	6.10	7.65	88	70	755	816	34.5	25.0	28.3	24.5	3.00	2.63	213	28	4	3.03	0.78
7/19/86	28.5	17.4	0.51	7.87	6.30	89	64	768	829	29.5	24.3	27.9	25.3	3.00	1.98	322	47	40	2.37	0.57
7/20/86	25.4	14.5	0.00	5.84	7.20	89	62	778	838	29.9	21.3	25.8	22.9	2.28	1.96	325	31	44	1.87	0.51
7/21/86	26.4	13.1	0.00	5.08	7.13	90	53	788	848	30.3	21.0	25.8	22.6	1.29	0.88	266	45	40	1.76	0.63
7/22/86	29.4	14.4	0.00	6.35	7.74	89	59	800	860	32.4	21.4	26.8	22.8	2.27	1.87	216	30	12	2.10	0.70
7/23/86	29.9	18.8	0.00	8.38	7.68	89	69	814	875	31.9	23.7	27.2	24.2	4.43	4.16	192	20	1	2.52	0.73
7/24/86	30.5	21.7	2.54	4.57	4.75	87	73	830	890	30.7	25.4	26.9	25.1	3.19	2.09	231	48	12	2.65	0.60
7/25/86	27.9	17.0	0.00	3.81	7.42	87	40	843	903	32.4	24.3	27.6	24.7	2.07	1.45	8	44	15	2.12	0.78
7/26/86	29.2	16.3	1.78	7.62	5.87	88	26	856	916	31.1	22.9	26.9	24.1	2.53	2.21	159	29	26	2.21	0.62
7/27/86	29.0	18.9	1.27	3.30	4.00	88	23	870	930	27.9	24.0	26.4	24.3	2.38	0.98	211	62	6	2.23	0.70
7/28/86	30.3	17.1	0.00	5.33	7.07	87	19	883	943	33.7	22.3	27.7	23.4	1.43	0.68	38	59	4	1.57	1.43
7/29/86	29.7	15.6	7.11	6.60	6.69	82	18	896	956	33.8	23.7	28.1	24.6	1.86	1.44	139	38	39	1.40	1.57
7/30/86	29.0	18.1	0.51	4.32	5.84	86	31	910	969	29.3	23.9	27.5	24.7	2.50	0.65	61	70	4	1.39	1.50
7/31/86	25.8	13.8	0.00	5.59	6.95	86	17	919	979	29.5	21.7	25.9	23.4	2.34	1.82	319	38	27	0.96	1.49
MONTHLY	MEAN 27.8	MEAN 17.4	TOTAL 99.06	TOTAL 183.89	MEAN 6.24	MN. 89	MN. 58	TOTL 392	TOT 387	MEAN 28.9	MEAN 21.9	MEAN 25.2	MEAN 22.4	MEAN 2.87	MEAN 2.19	MN. 203	MN. 40	MN 27	MEAN 2.13	MEAN 0.71

W A S E C A

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
8/ 1/86	27.6	11.9	0.00	4.83	5.98	M	M	929	989	29.8	20.6	25.4	22.6	2.24	1.84	265	34	42	0.67	1.57
8/ 2/86	23.2	10.7	0.00	5.59	6.80	M	M	936	996	28.2	19.5	24.7	21.8	2.20	1.89	314	31	40	1.19	0.79
8/ 3/86	24.9	9.3	0.00	4.32	7.03	M	M	943	1003	29.2	19.2	24.9	21.4	1.74	1.31	286	41	32	1.26	0.83
8/ 4/86	27.4	11.8	0.00	3.56	7.52	M	M	953	1013	30.6	20.3	25.7	21.9	2.46	2.27	223	23	40	1.40	0.99
8/ 5/86	28.0	14.6	0.00	4.06	5.85	M	M	964	1024	29.8	21.8	25.7	22.8	1.97	1.17	169	52	42	1.54	0.88
8/ 6/86	27.9	14.8	0.00	4.32	5.94	M	M	975	1035	30.9	22.1	26.2	23.0	1.35	0.72	170	55	37	1.57	0.89
8/ 7/86	26.6	15.4	0.00	4.83	5.63	M	M	986	1046	29.5	22.8	25.8	23.5	2.43	1.26	253	56	28	1.61	0.87
8/ 8/86	27.9	12.7	0.00	5.33	7.23	M	M	997	1057	31.4	21.2	26.4	22.8	2.06	1.55	288	40	32	1.51	0.99
8/ 9/86	27.8	15.0	2.79	5.08	5.87	M	M	1008	1068	29.8	22.3	25.9	23.4	3.01	2.68	232	27	17	1.54	0.85
8/10/86	20.6	8.4	0.00	5.33	5.30	M	M	1012	1073	26.4	M	25.2	22.6	2.68	2.28	330	31	50	1.24	0.57
8/11/86	23.7	5.3	0.00	5.33	7.64	M	M	1017	1080	29.3	17.3	24.6	20.4	1.29	0.39	336	68	30	1.04	0.84
8/12/86	24.3	14.8	0.76	6.35	6.07	M	M	1027	1090	27.8	21.1	24.3	22.0	3.27	2.84	174	29	2	1.40	0.82
8/13/86	20.0	15.6	9.40	2.54	1.23	M	M	1034	1098	23.2	19.7	23.8	20.9	3.64	3.30	152	25	63	1.44	0.56
8/14/86	26.6	16.2	0.00	5.08	5.97	M	M	1046	1109	25.8	19.3	22.8	20.2	3.29	2.50	244	40	52	1.71	0.81
8/15/86	29.5	13.1	0.00	6.60	7.18	M	M	1057	1120	30.8	19.0	25.2	20.5	1.85	1.54	213	33	34	1.80	0.93
8/16/86	31.6	18.5	0.00	7.11	6.98	M	M	1072	1135	32.0	22.1	26.6	22.7	2.87	2.51	212	28	12	1.40	1.82
8/17/86	27.1	16.0	0.00	6.60	6.80	M	M	1084	1146	32.3	23.7	27.1	24.1	2.53	2.02	36	36	11	1.35	1.21
8/18/86	27.0	13.0	0.00	4.06	5.61	M	M	1094	1156	30.6	22.0	26.3	23.5	1.83	1.36	124	41	11	1.62	0.87
8/19/86	27.4	14.6	0.00	6.10	6.60	M	M	1105	1167	31.0	21.8	26.4	23.2	2.56	2.18	171	31	22	1.76	0.76
8/20/86	20.0	12.9	8.38	0.25	1.09	M	M	1111	1174	25.4	20.0	25.8	22.0	1.97	0.68	202	66	62	1.59	0.41
8/21/86	22.8	10.6	1.52	4.57	6.63	M	M	1118	1180	25.4	16.6	22.5	19.7	2.60	2.25	66	29	31	4.29	0.65
8/22/86	25.6	14.2	0.76	2.54	1.87	M	M	1128	1190	21.6	18.7	21.9	20.1	3.96	1.77	200	60	29	1.63	0.50
8/23/86	22.7	12.0	0.00	4.06	6.53	M	M	1135	1197	26.7	16.8	22.4	18.7	2.25	1.70	351	40	21	1.34	0.56
8/24/86	19.8	9.9	2.03	2.03	2.58	M	M	1140	1202	21.0	17.2	21.9	19.4	3.02	2.72	169	25	54	1.42	0.41
8/25/86	31.4	17.2	27.94	6.10	5.25	M	M	1154	1216	28.2	18.0	23.1	18.9	2.31	0.90	224	63	15	2.00	0.92
8/26/86	22.0	11.6	0.00	3.05	3.61	M	M	1161	1223	24.2	18.3	22.9	20.5	3.21	2.41	23	40	25	1.47	0.55
8/27/86	16.9	5.2	0.00	3.30	5.66	M	M	1162	1226	21.5	14.8	20.5	17.9	1.95	1.53	7	38	38	0.87	0.48
8/28/86	20.1	3.9	0.00	3.56	5.66	M	M	1164	1231	22.1	13.1	19.5	16.5	2.07	1.52	261	42	47	0.94	0.51
8/29/86	20.8	6.8	1.78	4.32	4.53	M	M	1168	1237	21.7	14.1	19.1	16.6	3.26	2.85	178	29	7	1.08	0.57
8/30/86	25.8	13.3	5.84	6.35	5.22	M	M	1177	1246	22.2	16.2	19.7	17.5	3.71	3.41	173	23	26	1.54	0.69
8/31/86	27.4	15.1	0.00	6.10	6.23	M	M	1189	1258	26.2	16.8	21.6	17.9	3.95	3.67	193	21	0	1.68	0.89
MONTHLY	MEAN 25.0	MEAN 12.4	TOTAL 61.20	TOTAL 143.25	MEAN 5.55	MN. M	MN. M	TOTL 269	TOT 278	MEAN 27.2	MEAN M	MEAN 24.0	MEAN 20.9	MEAN 2.56	MEAN 1.97	MN. 201	MN. 39	MN 31	MEAN 1.51	MEAN 0.81
9/ 1/86	27.4	15.1	0.00	4.57	6.10	M	M	1200	1269	28.5	18.8	23.3	19.6	2.24	1.81	197	35	17	1.71	0.82
9/ 2/86	25.7	14.3	3.05	3.81	4.50	M	M	1210	1279	26.1	19.7	22.8	20.6	2.65	2.42	170	24	31	1.61	0.77
9/ 3/86	25.3	14.4	9.91	5.33	3.98	M	M	1220	1289	24.0	20.2	22.3	20.7	3.16	2.48	220	38	55	1.72	0.60
9/ 4/86	21.6	9.6	0.00	4.57	6.19	M	M	1225	1294	22.9	17.0	21.2	19.0	2.75	2.44	292	27	55	1.20	0.63
9/ 5/86	19.5	6.2	0.00	3.30	5.67	M	M	1228	1299	23.2	14.7	20.3	17.6	2.33	1.94	316	33	37	1.06	0.50
9/ 6/86	17.1	5.1	0.00	3.56	5.29	M	M	1229	1303	22.4	15.7	19.8	17.7	2.79	2.38	331	31	31	0.89	0.46
9/ 7/86	18.9	2.5	0.00	2.54	6.02	M	M	1230	1307	22.8	13.3	19.6	16.3	1.67	1.09	293	48	42	0.82	0.50
9/ 8/86	20.5	3.0	0.00	4.57	6.25	M	M	1232	1312	22.9	13.4	19.5	16.3	2.37	1.92	231	35	31	0.87	0.66
9/ 9/86	18.8	12.4	4.32	0.76	1.43	M	M	1237	1318	18.7	16.5	19.1	17.4	3.37	3.17	151	20	43	1.30	0.41
9/10/86	22.2	14.1	38.35	4.32	1.20	M	M	1245	1326	19.8	17.0	18.3	17.3	2.36	0.57	96	71	90	1.64	0.46
9/11/86	15.2	9.4	0.00	0.76	1.01	M	M	1248	1329	17.8	14.4	18.1	16.3	2.76	2.43	330	28	77	1.19	0.31
9/12/86	22.7	5.4	0.00	3.05	5.39	M	M	1252	1335	19.8	11.9	17.3	14.6	2.15	1.64	246	39	57	1.17	0.52
9/13/86	15.4	8.8	8.89	3.05	4.34	M	M	1254	1338	20.7	14.2	17.7	15.6	2.67	2.27	46	31	21	0.94	0.45
9/14/86	13.5	9.5	15.24	0.76	0.46	M	M	1255	1340	16.3	13.7	17.3	14.9	2.80	2.57	95	23	99	1.10	0.25
9/15/86	12.9	10.2	0.00	1.27	1.36	M	M	1257	1341	14.8	13.3	14.9	14.5	3.13	2.74	64	29	46	1.13	0.23
9/16/86	15.5	7.3	0.00	3.56	2.90	M	M	1258	1344	14.8	11.3	14.5	13.3	4.62	4.35	126	20	10	1.05	0.36
9/17/86	17.1	11.5	0.00	0.25	1.23	M	M	1263	1348	15.5	12.2	14.7	13.4	2.90	2.56	170	28	44	1.35	0.30
9/18/86	16.5	12.7	29.21	4.57	1.19	M	M	1267	1353	16.2	14.7	15.3	14.7	3.06	2.39	52	38	83	1.37	0.28
9/19/86	21.4	13.6	0.51	1.02	1.60	M	M	1275	1360	18.3	14.5	16.4	14.8	2.62	2.17	127	33	55	1.62	0.36
9/20/86	23.1	13.5	8.13	3.05	2.23	M	M	1283	1369	19.1	14.8	16.8	15.3	2.62	1.97	109	40	75	1.63	0.39
9/21/86	21.6	16.9	3.81	0.76	1.88	M	M	1292	1378	19.2	16.8	17.3	16.4	4.15	3.73	126	26	61	1.83	0.38
9/22/86	19.3	11.2	0.00	0.51	0.91	M	M	1297	1383	18.3	15.6	17.3	16.7	2.08	1.34	304	48	80	1.51	0.31
9/23/86	22.1	9.7	0.00	1.78	2.87	M	M	1303	1389	18.2	13.6	16.7	15.1	1.79	1.47	224	34	67	1.39	0.38
9/24/86	20.4	11.5	19.56	5.33	1.26	M	M	1309	1395	17.1	13.5	16.2	14.8	3.58	3.40	124	18	86	1.57	0.33
9/25/86	28.0	16.6	0.00	6.60	5.29	M	M	1321	1407	21.4	17.1	18.4	16.2	4.42	3.89	196	28	4	1.53	1.21
9/26/86	30.6	16.8	0.00	5.84	4.73	M	M	1335	1421	24.3	16.9	19.9	17.0	3.74	3.13	209	33	16	1.83	1.06
9/27/86	27.1	8.6	0.00	3.56	4.73	M	M	1343	1429	24.3	16.9	19.9	17.0	3.74	3.13	209	33	16	1.83	1.06
9/28/86	24.8	7.4	0.51	1.78	3.19	M	M	1349	1437	21.3	14.9	19.7	16.9	2.28	1.49	141	48	45	1.50	0.59
9/29/86	20.3	9.1	0.00	2.29	3.32	M	M	1354	1442	20.3	16.3	18.7	17.3	2.54	2.13	278	33	43	1.33	0.39
9/30/86	21.9	8.9	0.00	2.29	3.55	M	M	1359	1448	20.1	14.5	17.7	15.9	1.53	0.67	218	61	44	1.11	0.53
MONTHLY	MEAN 20.9	MEAN 10.5	TOTAL 141.49	TOTAL 89.41	MEAN 3.34	MN. M	MN. M	TOTL 171	TOT 190	MEAN 20.3	MEAN 15.2	MEAN 18.4	MEAN 16.4	MEAN 2.83	MEAN 2.32	MN. 190	MN. 34	MN 49	MEAN 1.36	MEAN 0.52

W A S E C A

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	RH MAX	RH MIN	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	MAX SOIL TEMP 10CM	MIN SOIL TEMP 10CM	MAX SOIL TEMP 20CM	MIN SOIL TEMP 20CM	WIND SPD	VECT MAG	VEC DIR	VEC STD	LF WT	VAP PR	VAP PRES DEF
10/ 1/86	21.0	5.8	0.00	2.54	4.83	M	M	1363	1453	21.4	12.7	17.9	15.1	1.90	1.67	128	28	35	1.03	0.57
10/ 2/86	17.7	8.2	21.08	1.78	1.62	M	M	1366	1457	17.5	14.2	17.5	15.6	2.71	1.62	145	51	61	1.25	0.27
10/ 3/86	12.7	7.2	9.40	2.03	0.84	M	M	1366	1458	15.3	12.2	16.0	14.1	3.18	2.86	26	26	56	1.10	0.20
10/ 4/86	14.2	6.2	0.25	1.78	3.80	M	M	1366	1461	15.3	10.9	14.2	12.9	2.37	1.08	316	60	M	0.86	0.29
10/ 5/86	14.1	-0.2	0.51	2.54	3.68	M	M	1366	1463	13.8	9.3	13.6	12.2	2.74	2.10	321	39	25	0.79	0.35
10/ 6/86	16.3	-1.9	0.00	2.29	3.96	M	M	1366	1466	13.2	6.3	12.4	10.1	2.85	2.61	222	23	24	0.70	0.45
10/ 7/86	24.2	10.4	0.00	3.30	3.78	M	M	1373	1473	17.8	10.3	14.5	11.5	3.58	2.89	231	36	1	1.08	0.83
10/ 8/86	12.5	6.9	0.00	2.29	1.12	M	M	1373	1474	14.9	11.1	14.5	12.9	2.34	1.87	2	36	4	0.27	0.95
10/ 9/86	12.4	1.6	0.00	2.03	4.61	M	M	1373	1475	15.3	8.3	13.2	11.2	2.59	1.80	66	45	0	0.60	0.39
10/10/86	13.5	2.6	6.86	1.27	2.16	M	M	1373	1477	12.4	7.9	12.6	10.5	5.09	4.85	172	18	18	0.48	0.66
10/11/86	11.0	2.6	26.92	M	0.26	M	M	1373	1478	11.5	M	11.9	9.6	5.55	4.32	8	38	59	M	M
10/12/86	4.6	1.7	1.02	M	0.97	M	M	1373	1478	7.6	5.5	9.6	8.5	5.17	4.93	342	17	66	M	M
10/13/86	4.3	-1.6	0.76	M	1.22	M	M	1373	1478	7.3	4.9	8.6	7.8	2.14	1.97	307	23	43	M	M
10/14/86	10.0	-1.7	0.00	1.27	3.16	M	M	1373	1478	8.0	3.6	7.8	6.5	2.77	2.56	292	22	5	M	M
10/15/86	10.5	0.3	0.00	2.29	4.13	M	M	1373	1478	9.4	3.9	8.3	6.5	2.76	1.75	286	49	1	M	M
10/16/86	17.7	2.9	0.00	1.27	3.97	M	M	1373	1482	12.1	5.1	9.6	7.0	2.79	0.86	4	67	12	M	M
10/17/86	13.4	2.0	0.00	2.03	3.53	M	M	1373	1484	11.5	5.8	9.6	7.8	2.68	2.55	131	18	36	M	M
10/18/86	14.7	2.6	0.00	1.78	3.92	M	M	1373	1486	11.2	5.5	9.3	7.6	3.37	3.33	159	16	12	M	M
10/19/86	20.6	3.7	0.00	2.54	3.42	M	M	1376	1491	12.8	5.8	10.3	7.8	2.14	2.00	184	21	19	M	M
10/20/86	22.7	9.2	0.00	2.03	3.57	M	M	1382	1498	15.6	9.9	12.3	10.0	1.59	1.00	262	49	35	M	M
10/21/86	23.1	7.4	0.00	3.05	3.59	M	M	1387	1504	15.6	10.2	12.7	10.9	2.48	2.32	232	21	36	M	M
10/22/86	17.9	10.7	2.29	1.02	1.10	M	M	1391	1508	13.8	11.3	12.5	11.6	1.37	1.13	178	33	39	M	M
10/23/86	16.2	8.9	0.76	2.29	1.13	M	M	1394	1511	13.8	11.1	12.4	11.5	1.28	1.03	43	35	56	M	M
10/24/86	12.2	9.5	0.00	2.03	0.53	M	M	1394	1513	12.3	11.1	12.3	11.5	2.21	2.01	61	25	50	M	M
10/25/86	11.2	6.4	0.00	1.27	1.09	M	M	1394	1513	11.4	9.8	11.7	10.8	2.30	2.18	67	19	6	M	M
10/26/86	13.5	3.2	0.00	2.03	2.88	M	M	1394	1515	11.7	8.7	11.0	10.2	1.72	1.42	14	34	18	M	M
10/27/86	19.7	2.7	0.00	1.27	3.46	M	M	1396	1520	12.8	6.4	10.9	8.9	2.24	1.70	237	40	39	M	M
10/28/86	18.6	6.7	0.00	2.79	2.89	M	M	1398	1524	13.5	8.9	11.5	9.9	4.41	2.26	311	57	0	M	M
10/29/86	11.7	2.1	0.00	1.52	3.38	M	M	1398	1525	11.3	7.3	11.1	9.4	2.47	2.13	344	30	17	M	M
10/30/86	12.3	0.8	2.03	3.81	2.12	M	M	1398	1526	10.0	5.6	9.9	8.2	6.06	5.73	164	19	2	M	M
10/31/86	11.4	1.0	5.08	M	0.29	M	M	1398	1527	9.7	6.4	9.7	8.9	5.45	2.01	228	64	43	M	M
MONTHLY	MEAN 14.7	MEAN 4.1	TOTAL 76.96	TOTAL M	MEAN 2.61	MN. M	MN. M	TOTL 39	TOT 79	MEAN 12.9	MEAN M	MEAN 11.9	MEAN 10.2	MEAN 2.98	MEAN 2.34	MN. 177	MN. 34	MN M	MEAN M	MEAN M

